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The CHEMIST AND DRUGGIST

Established 1859

28 Essex Street, Strand, London, W.C.2.

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OCTOBER 15, 1932

Annual Subscription (with
Diary) 20/-. Single Copies 9d.



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Medium " ..	2/-	16/- "
Large " ..	3/6	28/- "
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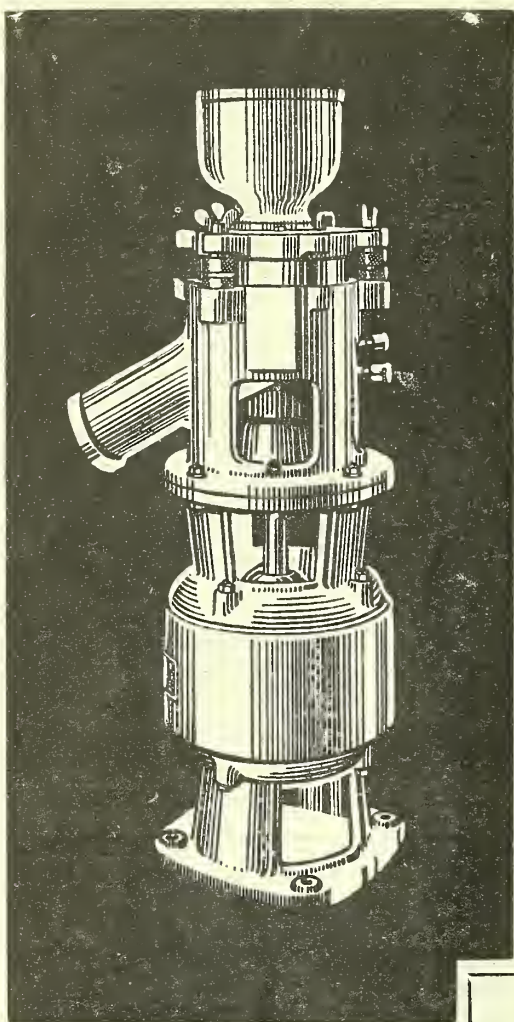
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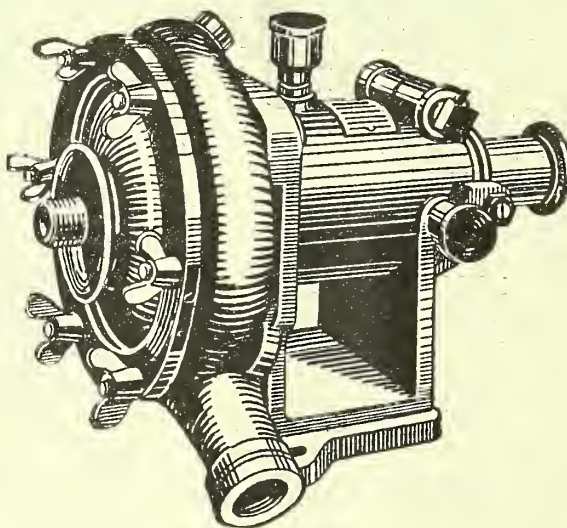
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Footballers are expensive. Their trainers use only the best remedies. Read what they say about **LOGAN (brand) LINIMENT**. The manager of the Burnley Club, writing on Aug. 29th, 1932, says:—

"We use this regularly on our ground and are well pleased with it; as a matter of fact I have just given an order for 1 dozen of the large size to our chemist."

On Aug. 31st, 1932, the manager of Clapton Orient writes:—

"We have used this liniment for the past two years following my recent association with Sheffield Wednesday, where I learned of its real worth."

All the leading Clubs regularly use it. Why push foreign preparations at a higher price and less profit?

This is a worth-while line in regular demand. It makes an excellent window show. Ask us to send you a sample bottle and special terms.

Retail Prices - - 1/3 & 3/- per bottle.
Wholesale Terms - 9/- & 24/- per doz.

JOHN THOMPSON WHOLESALE LTD. DUKE ST., LIVERPOOL
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for use in high-class Toilet Waters,
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1016 A typical Mitcham type;
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10/- Pint.

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ONE PINT OF
EAU
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FOR 1/6,
including
BOTTLE,
CARTON, AND
POSTAGE.



**EXTRA
COLOGNE
QUALITY**
15/- Pint.

Also the following:

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Fasteeth is an entirely new departure in Denture Fixing Powders.

It is refreshing and anti-septic, and holds the plate firmly in position. Its national Advertising will make this line an assured success.

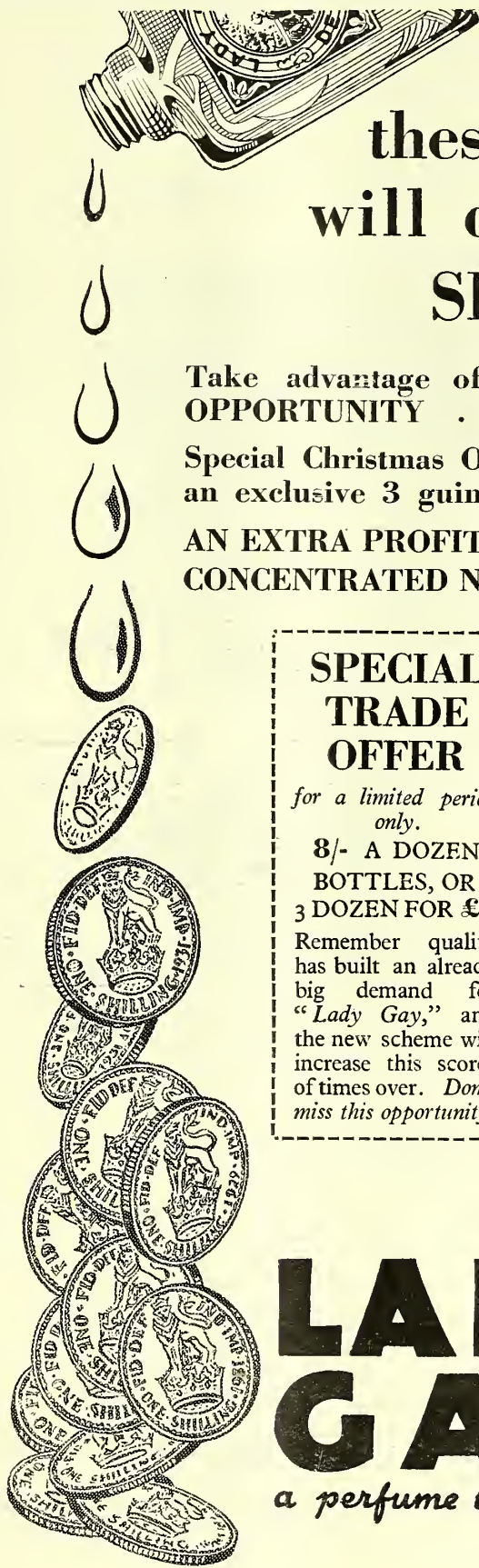
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Order from your wholesaler
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Thousands of these GOLDEN DROPS will quickly turn into SILVER SHILLINGS

Take advantage of this NEW AND EXCEPTIONAL OPPORTUNITY . . .

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BOTTLES, OR
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A display in your window and on your counter will very soon *prove* to you the *money-making* possibilities of this new series.

Do not miss the "Lady Gay" boom. Order early and fully.

Parfumerie De Fleury, Rawdon, Leeds

LADY GAY

a perfume by de Fleury



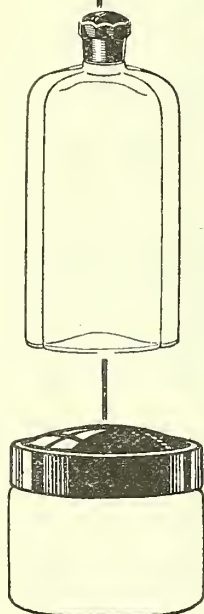
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Bath Salts, Hair Cream,
Lotions and Perfumes

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New Mark IV. Display Case (Bone)

New polished jet black wooden stock-container with hinged wooden lid. Strong polished wooden sales front. New, black paper lined, withdrawable sales tray.

New three-line type pattern number and retail price strip label.

The above strip is now mounted inside the sales tray, so that when the tray is removed the prices remain with the brushes.

Height 11", width 16", depth 9 $\frac{3}{4}$ ".
5 $\frac{1}{2}$ dozen brushes ($\frac{1}{2}$ dozen each of eleven patterns).

Cost, £3 9s. 9d., less 5%	
monthly a/c	£3 6 3
Selling Price	£6 1 6

Profit ..	£2 15 3
-----------	---------

New Mark V. Display Case (Celluloid)

New polished jet black stock container with hinged wooden lid.

Strong polished wooden sales front.

New cream paper lined withdrawable sales tray, shows coloured celluloid handles to best advantage.

New three-line type pattern number and retail price strip.

Height 11", width 16", depth 9 $\frac{3}{4}$ ".
7 dozen brushes (ten patterns).

Cost £3 10s. 3d., less 5%	
monthly a/c	£3 6 9
Selling Price	£5 14 0

Profit ..	£2 7 3
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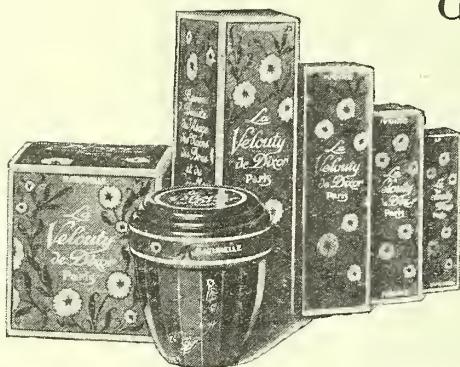
Percentage on cost, 83% Percentage on cost, 70%

Either of the cabinets is offered FREE of all charge with a repeat order for 6 dozen "Meritor" Tooth Brushes. Either "Meritor" Bone, "Meritor" Celluloid, or "Meritor" assorted Tooth Brushes may make up your assortment.

MAW—LONDON & BARNET

the original combined Cream and Powder

VELOUTY de DIXOR



The advertised line that you are asked for.

NOW ON P.A.T.A.

Samples free upon receipt of trade card or billhead.

PRICES :—No. 1. Handbag tube	3/- doz.	Retail -	4½
No. 2. Small tube	4/- "	"	-/6
No. 3. Medium tube	7/- "	"	1/-
No. 4. Large tube	14/- "	"	2/-
No. 5. Super tube	22/- "	"	3/-
Pots (glass)	21/- "	"	2/9
Pots de luxe (unbreakable)	36/- "	"	4/6

Made in four shades :

WHITE, IVORY, NATURAL and OCHRE.

Obtainable from your regular Wholesaler or direct from the Manufacturers:

DIXOR, LTD., 68, Newman St., Oxford St., London, W.1

Sole Distributors for

Northern Ireland : ROBERT MAYRS & CO., 43 Chichester Street, BELFAST
Irish Free State : MAY, ROBERTS & CO. LTD., Grand Canal Quay, DUBLIN

**NOW
3^d SIZE
as well
as 6d**

**BUTYWAVE
SHAMPOO**

THE 3^d SIZE

use PREEMO PERFUME ESSENCES

In the MANUFACTURE of your
TOILET PREPARATIONS.

You can always rely on the
quality and uniform strength
of the

PREEMO ESSENCES.

They will mix freely with spirit,
water, fat and oil.

Send for Free Samples
and Price List.

THE PREEMO CO.
63 High Holborn, London, W.C.1



**"THE
STATIC"**
Reg. No. 523,323

**TOOTH
BRUSH**
BONE HANDLES
WHITE,
UNBLEACHED,
OR BLACK
BRISTLES

Names free on
6 doz. lots.

6/6 per doz.
From all wholesalers

MANUFACTURERS:
W. R. SPEER & SON, 215 Dalston Lane, E.8.
EST. 100 YEARS.

All for  Beauty



Beauty Products that bring Prosperity

Why is it that Harriet Hubbard Ayer preparations are sold by nearly every important retailer in this country? Simply because during the four-and-a-half years these products have been established here, thousands of discriminating women have learned to trust them—and to prefer those shops which feature their favourite preparations.

Now is the golden moment to take up an agency. Harriet Hubbard Ayer preparations are enjoying a special vogue on account of the economical way in which they are planned. Each performs a double and even treble function. Luxuria, for instance, nourishes as well as cleanses and soothes the skin. It's a big factor in promoting sales, as also is the wide-spread and dignified advertising which appears continually in important papers and periodicals for Harriet Hubbard Ayer.

Give us the pleasure of a personal call, or write for all particulars to
Harriet Hubbard Ayer Ltd., 130 Regent Street, London, W.1.

The retail prices of the famous LUXURIA Cream are 2/3, 4/6, 8/6, 11/9.

Skin & Tissue Builder 4/6, 7/6, 18/9, 30/6

Beautifying Face Cream 4/6, 7/6, 18/9, 30/6

Beautifying Face Powder 4/3

Complexion Balm 3/6, 7/6

Eau de Beauté 4/6, 8/6

HARRIET HUBBARD AYER

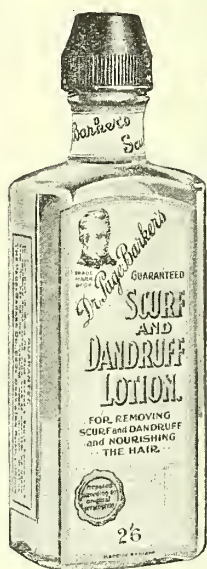
Beauty Preparations

LTD.

NEW YORK

LONDON

PARIS



Dr. Page-Barker's

SCURF & DANDRUFF LOTION

The Guaranteed Specific for SCURF

Dr. PAGE-BARKER'S LOTION is known throughout the Trade as the one reliable specific for Scurf and Dandruff—which can be absolutely depended on and which can therefore be sold with every confidence. No matter how bad the case may be, *Page-Barker's will not fail.* A cast-iron guarantee with every bottle—that it will eradicate Scurf or the purchase price will be refunded without question. Shows you 80 per cent. profit on outlay.

PER 18/- DOZEN

Note the Improved
Screw Cap!

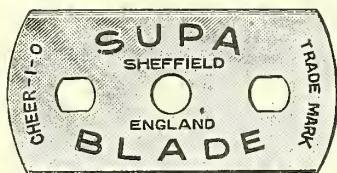
With every order for 3 dozen you get three
2/6 bottles as bonus and attractive showcards

SHOWCARDS WITH EVERY ORDER. WRITE FOR EXPORT TERMS.

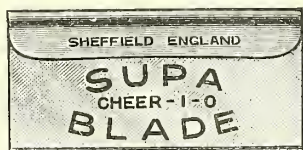
THOS. CHRISTY & CO., 4-12 OLD SWAN LANE, LONDON, E.C.4

SUPA CHEER-I-O BLADES

2^D
EACH



IN
THREE
PATTERNS



IN
THREE
PATTERNS



Manufactured by

THE WAFER RAZOR Co., Ltd.
EARSHORN STREET, SHEFFIELD

OVER 53% !! This Profit on your outlay is guaranteed to you by
The FLEET Blade



A Sheffield
Product from the
Molten Steel to the
Finished Blade.

Retails at 3 for 7½d.

Liberal trade-making samples
given to new stockists.

Bonus offered for Window
Displays.

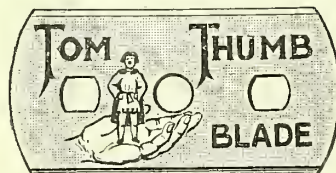
Sample and terms from sole makers:—

DOMINION STEEL CORPORATION, Ltd.
Fleet Works, Queen's Road, SHEFFIELD.

HANG IT UP AND LET IT SELL ITSELF

Supplied on cards or
boxed. Show cards
with every order.

1^D.
Each
Retail



MADE BY
GEORGE IBBERTSON & CO.
Razor Works, 146 West St., Sheffield

British Made

*Everywhere
there is a growing demand
among men for a really good
Hair Cream - that is why*

'JULYSIA' SALES GO UP

JULYSIA arouses the enthusiasm of client and chemist alike. Men like it because it gives them all they wish for in a hair cream at a very moderate price. Chemists like it because it assures them a steadily-moving line allied with substantial profit. Read these details of our bonus scheme:—

**"JULYSIA" CREAM IS PACKED
IN TWO SIZES**

1/- size at 8/- doz. 1/6 size at 12/- doz.

No. 1 PARCEL

4 dozen 1/- size

With FREE BONUS of 4 x 1/- Bottles
and 4 x 1 pints for Saloon use

BONUS TERMS—13 bots. to the doz.

**SPECIAL CARRIAGE PAID
PARCELS On Bonus Terms:—**

No. 2 PARCEL

3 dozen 1/- size. 1 dozen 1/6 size

With FREE BONUS of 3 x 1/- & 1 x 1/6
Bottles and 4 x 1 pints for Saloon use

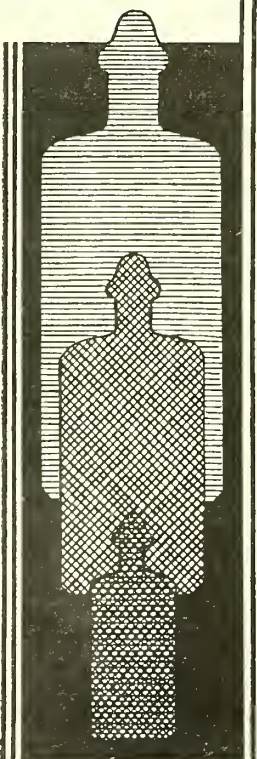
"JULYSIA" is also supplied in Bulk for Saloon use:—
7/6 gallon, 4/- half gallon, 1/6 pint

**A PRODUCT OF
JULES FRÈRES** ^{LTD}

Perfumers, 154-164 WALWORTH ROAD, LONDON, S.E.



**UP
UP
UP**



the best  hot water bottles
are made by

DUNLOP



IN
WHITE OR RED
FIXED RETAIL SELLING PRICE

3/11

(U.K. PATENT NO. 332653)

THE ANIMAL SERIES

These delightful animal bottles make a great appeal to children, and large sales are possible, since they are purchased by families in addition to their ordinary Hot Water Bottle requirements. "Bunny," "Teddy," "Kitty" and "Doggy." Bottles available in colours, black and white, marbled, and brown. Full sized, safe and strong. Can be covered in orange, red or blue velvet.

Fixed Prices to Public

Uncovered.
3/11 each

Covered in
coloured
velvet.
5/9 each.

Retailing at the low price of 3/11 the Dunlop High Pressure Moulded Fabric Insertion Bottle marks a new era in hot water bottle value.

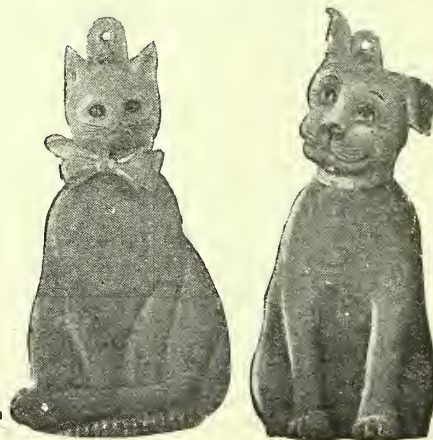
Its strength, reliability and appearance are all of a standard far higher than the price suggests, while its excellent quality is only made possible at the price by the large quantity sold.

Built on the same principle as the world's finest tyres, the Dunlop Bottle embodies strength and safety features unique amongst hot water bottles.

It is packed in an attractive box, ideal for display, and specially constructed display boxes are included with every consignment of one dozen.

In White or Red.

Fixed Retail Selling Price ... 3/11
(U.K. Patent No. 332653)





Flexoplast

Regd.

ELASTIC ADHESIVE BANDAGE

**for the treatment of
VARICOSE ULCERS
VARICOSE VEINS
and their complications**

Flexoplast assists proper circulation, steadily reducing oedema and size of ulcer. Gives, in most cases, instant relief from pain.

Flexoplast allows full functional activity of the limbs. It is easy to apply, and can be removed without discomfort.

Also useful on fractures and dislocations—and as a protective after abdominal and other operations.

Supplied in 3-yard rolls, giving full stretch of 5 yards to conform with regulations of the N.H.I. Tariff. Obtainable in 2½ in. and 3 in. widths, white or flesh colour, full spread or part spread. British throughout.



PRESSCRIPTIONS

*Dispense "Flexoplast" in all
N. H. I. prescriptions for
Elastic Adhesive Bandage.*

EDWARD TAYLOR LTD.

Wholesale & Export Manufacturers of Medical & Surgical Plasters

SALFORD and MANCHESTER

GLASGOW, BIRMINGHAM and LONDON



THE "GENO" CABINET TRIAL CASE

We Illustrate Two Items

FROM THE SECTION OF OUR
CATALOGUE DEALING WITH

OPHTHALMIC INSTRUMENTS

**TRIAL CASES, SIGHT
TESTING CHARTS, ETC.**

A COPY OF THIS SECTION OR THE
COMPLETE CATALOGUE WILL
GLADLY BE SENT ON REQUEST

**THE OPTICIANS GREATEST CARE
SHOULD BE THE CHOICE OF THE
FINEST POSSIBLE EQUIPMENT**

*Our endeavour has always been
to manufacture and supply only*
— THE BEST —

The General Optical Co.

(E. T. & F. W. CORNWELL)

**120 CLERKENWELL ROAD
LONDON, E.C.1**

THE "GENO MINOR"
REFRACTIONIST'S CHAIR

BUY

PYRAMID
CORKS

BRITISH

are better than ever.

6 and 8 oz.

N.H.I. 5^d. per gr.

Ordinary 8^{3d}/₄ „

Fine 1/1¹/₂ „

Finest 1/8 „

10 gross carriage paid.

20 gross - - less 5%.

Less 5% cash with order.

Write for full Price List and Size Gauge

N. W. Mitchell & Snow, Ltd.

"The Cork Firm."

Limehouse, London, E. 14.



WE SUPPLY

DECORATED TINS

FOR PACKING

OINTMENTS

AND OTHER PRODUCTS.

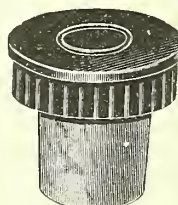
SAMPLES AND PRICES UPON REQUEST.

THE CALDICOT TIN STAMPING WORKS LTD.

CALDICOT, Nr. CHEPSTOW, Mon.

STOPPERS

AND BAKELITE SCREW CAPS



*200 Varieties
Any Colour.*

A suitable Composition Stopper will enhance the selling value of your package. Let us fit your Bottles and quote you.



T. WEBSTER & Co., Ltd.

Diamine House, Middle Lane, Hornsey, LONDON, N.8

Telephone :
Mountview 0952

PAINES & BYRNE, Ltd.

TELEPHONES :
MUSEUM 9880, 5752

GLAND PRODUCTS
PHARMACEUTICAL SPECIALITIES
MEDICINAL PRODUCTS OF ANIMAL ORIGIN

31 SOUTHAMPTON ST.
FITZROY SQUARE, W.1

TO OUR CUSTOMERS

Dear Sirs,

We have had many inquiries respecting Thyroid of the B.P. 1932 and its standardisation in relationship to the standardisation of Thyroid U.S.P.

B.P. Thyroid is standardised to contain 0.1 per cent. Iodine in combination as Thyroxin with a limit to the amount of inorganic Iodine present.

U.S.P. Thyroid is standardised to contain 0.2 per cent. Iodine in organic combination but without reference to the Thyroxin content.

There is thus no guarantee of any Thyroxin content in U.S.P. Thyroid, and it follows that B.P. Thyroid cannot be produced by diluting U.S.P. with 50 per cent. lactose.

We guarantee our B.P. Thyroid to be standardised according to the requirements of the B.P. 1932.

Thyroid Siccum, Dry Thyroid, Thyroid Extract and Thyroid Gland are all synonyms of B.P. Thyroid, and therefore orders and prescriptions in these terms must be filled with B.P. Thyroid. It is important also to note that Thyroid of the B.P. 1932 has no fresh gland equivalent so that it cannot be prescribed in terms of fresh gland.

Always at your service in all matters relating to medicinal substances of animal origin.

We are,

Yours faithfully,

PAINES & BYRNE, LTD.

KING'S

Beg to introduce their latest Display Novelties, THE CHELSEA CUBIST STANDS

This Display Novelty is all the vogue, and The Chelsea Display Sets meet the demand for up-to-date display at an economical figure. The Stands are made with heavy millboard sides and wooden tops, the whole covered with an attractively embossed silver or gold aluminium foil. The variety of displays obtainable with these Stands is almost endless, ensuring your always having a new and attractive method of showing your goods.

No. H2755 DISPLAY SET

Consisting of the following Units:—

- 1 stand 20" high,
size of top $7\frac{1}{2}" \times 7\frac{1}{2}"$
- 1 stand 16" high,
size of top $6\frac{3}{4}" \times 6\frac{3}{4}"$
- 1 stand 12" high,
size of top $6\frac{1}{4}" \times 6\frac{1}{4}"$
- 1 stand 8" high,
size of top $5\frac{3}{4}" \times 5\frac{3}{4}"$
- 1 stand 4" high,
size of top $5\frac{1}{4}" \times 5\frac{1}{4}"$
- 1 stand 2" high,
size of top $7\frac{1}{2}" \times 7\frac{1}{2}"$

The Set **10/6**
Complete.

*Kindly state
when ordering
whether gold or
silver aluminium
covering required.*



No. H2754 DISPLAY SET

Consisting of the following Units:—

- 1 stand 20" high,
size of top $8\frac{1}{2}" \times 7\frac{1}{2}"$
- 1 stand 16" high,
size of top $7\frac{1}{2}" \times 6\frac{1}{2}"$
- 1 stand 12" high,
size of top $7" \times 6\frac{1}{4}"$
- 1 stand 8" high,
size of top $6\frac{1}{2}" \times 5\frac{3}{4}"$
- 1 stand 4" high,
size of top $6" \times 5\frac{1}{4}"$
- 1 stand 2" high,
size of top $9" \times 7\frac{1}{2}"$

The Set **10/6**
Complete.

We have just
published the
following new
Catalogues,
which we will
be pleased to

forward Post Free on application:—

Modern Display Fittings - - - - - No. 1013
Christmas Decorative and Display Novelties No. 774

J. C. KING, LTD.
42-60 GOSWELL ROAD
LONDON, E.C.1

Phones: CLERKENWELL 2316 (6 lines)

EASILY THE FIRST FAVOURITE WITH DANCERS



1/3 tins - 10/- doz.

2/6 " - 20/- "

Also supplied in Bags,
economical for large
"Dance" Floors.

7-lb. Bags 4/- each.
Retail @ 6/-.

14-lb. " 8/- each.
Retail @ 12/-

28-lb. " 15/- each.
Retail @ 22/6.

P.A.T.A.



LOFTHOUSE & SALTMER, Ltd., HULL

METHYLATED SPIRITS and FINISH

FINEST OBTAINABLE
PROMPT DELIVERIES

J. M. Mills Ltd.
BROOKFIELD DISTILLERY
STOCKPORT

Telephone: Stockport 2396
Telegrams: "Phone. Aniline"

SOL-VO SELLS ITSELF

SOL-VO gives a good margin of profit to the Chemist and is economical for the customer because it contains nearly three times as much paper as the "so-called" cheap varieties. It pays to stock and display SOL-VO.

Why not give it a trial?

Simply attach your label to the accompanying form and send it, together with 16/6, to

FORD, SHAPLAND & CO. Ltd.

Gt. Turnstile, High Holborn, London, W.C.1

TELEPHONE: HOLBORN 4633.



TRIAL PARCEL.

1 doz. Rolls: - 1 doz. Packets:
1 Cut-out: 100 "Personal Hygiene" Leaflets
Cash 16/6 should accompany every order.

Please send me/us your Trial
Parcel and Display Material for
which cash value 16/6 is enclosed

Date

ATTACH YOUR LABEL
HERE

"SURCO"

RELIABLE

ELASTIC HOSIERY

SEAMED & SEAMLESS

For special garments to
measure we maintain a 24
hour service.

:: BODY BELTS ::
TRUSSES :: SUNDRIES

Write for Catalogue.

SURGICAL HOSIERY CO., LTD.

Russell Street :: NOTTINGHAM

Telephone No.: 75903. Telegrams: SURGICAL, NOTTM.

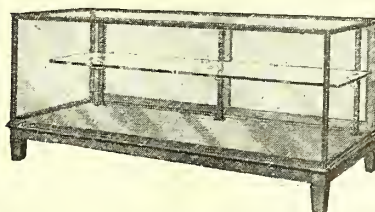
She isn't interested—

..... When you are obliged to admit
to her that you have not got stocks of
Pam Sanitary Pads because you have been
waiting until you were asked for them.
She just asked you for PAM!



Details of Special Bonus Offer
from your Wholesaler or from
Pam Manufacturing Co. Ltd.
10 Kingly Street, Regent St., W.1

DUDLEY'S GLASS COUNTERS



Made in our
OWN WORKS
at HOLLOWAY
from

£9:5:0 each

Constructed from
well seasoned oak
or mahogany with
3" drawn plate
glass top, front
and 2 ends clear
glass doors at back.
Interior fitted one
row of shelves,
3ft. high x 2ft. wide
4 ft. long £9 5s.
5 ft. " £10 0s.
6 ft. " £10 15s.
Ex. Works

DUDLEY & COMPANY LTD.

Holloway Road, London, N.7

City Showrooms: 65/66 Fore Street, E.C.

"STERAID" Regd. Dressings

Patent No. in Great Britain
221761/1924 and patented in all
the principal foreign countries.

Patent Rotating Canister packing to retain aseptic conditions. In use, only
the amount required is withdrawn and cut off. The remainder is not exposed

GAUZES.

	Minimum Public Prices Each	Minimum Trade Prices Per Doz.		Minimum Public Prices Each	Minimum Trade Prices Per Doz.
6-yd. 3-yd. 1-yd.	6-yd. 3-yd. 1-yd.	6-yd. 3-yd. 1-yd.		6-yd. 3-yd. 1-yd.	6-yd. 3-yd. 1-yd.
Sel Alembroth	1/11 1/2 - 7½	17/3 10/6 5/7½	Plain Absorbent	1/8 1/0½ - 7	15/- 9/4 5/3
Sublimite			Double Cyanide	2/- 1/2½ - 8	17/6 10/7 5/9
Carbolic			Iodoform 5%	2/8 1/6½ - 9	24/- 13/10 6/9
Boric			Picric		

LINTS.

PLAIN and BORIC.

	Min. Public Prices	Min. Trade Prices
2 in. wide	9d. each	6/9 doz.
4 "	1/0 "	8/0 "
6 "	1/6 "	13/6 "

ORDER THROUGH USUAL WHOLESALER.

ROBERT BAILEY & SON LTD., Marriott Street Mills, STOCKPORT

*Phone: Stockport 2794 and 4166.

London Office: SOUTHAMPTON ROW, W.C.1

Wires: "Undisputed, Stockport."

Perfumery boxes

**Robinsons of
CHESTERFIELD.**

WHEAT BRIDGE MILLS, CHESTERFIELD & 168, OLD STREET, LONDON, E.C.1.

Small TABLET MACHINE

*Capacity 60 to 80
Tablets per minute*

Working on "rack and pinion" principle.

Absolute simplicity and smooth working. Adjustable screw for pressure.

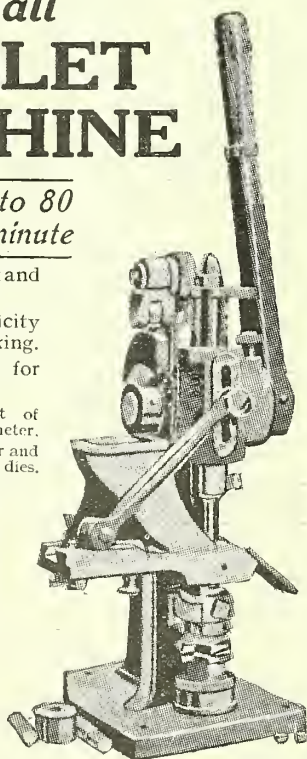
Any size or weight of Tablet up to $\frac{1}{2}$ in. diameter. Complete with spanner and one set of punches and dies.

£7 : 15 : 0

**J. W. PINDAR
& CO.**

*Druggist's Engineers,
Pill Machine
Manufacturers,*

**Endwell Road,
Brockley,
London, S.E.4.**



SOAKING BRUSHING & RINSING EQUIPMENT

*for anything
from a Vial to a
Winchester!*

WE have recently published a new booklet dealing thoroughly and practically with all equipment clearing problems from those of the Dispensing Chemist to the Large Manufacturing Chemist. May we send you a copy, as soon as it is released? Please apply early (on your usual business heading) as the edition is limited.

**Write
for
List
No.45**

THOMAS HILL
ENGINEERING Co. (HULL), Ltd.
Park Lane, Stepney, HULL

DISTILLED WATER

AT
 $\frac{1}{3}$ d. PER GALLON

By using Brown's Patent Automatic Water Stills pure distilled water may be obtained at the above cost, using steam at any pressure between 30 and 100 lbs. per square inch. The product is pure distilled water, not condensed water from steam service pipes.

Full particulars free on application. Enquiries are not followed by personal call.

MADE ALSO FOR GAS HEATING

BROWN & SON, LTD
Alembic Works, Wedmore St., London, N.19

We have prepared . . .

for distribution, sets of samples of the following and shall be pleased to send one to any of our friends on receipt of a card or phone message.

**WHITE DEMY: STRIPED WRAPPINGS:
PARCHMENT BAGS: SKILLETS FOR
EPSOM & GLAUBER: N.H.I. WINDOW
BILLS: & STOCK SHOWCARD LISTS.**

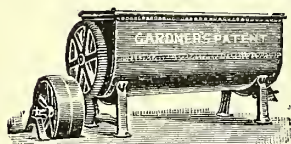
SUTTLEY & SILVERLOCK Ltd.

The Chemists' Printers

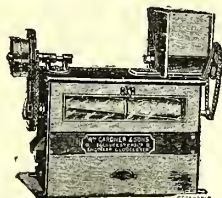
92 BLACKFRIARS ROAD, LONDON, S.E.1

Telephone : HOP 3473-4-5-6.

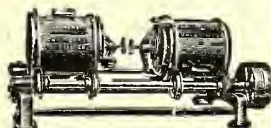
GRINDING SIFTING MIXING



Patent "Rapid" Mixer.



Patent "Rapid" Sifter.



Gardner Ball Crushing Mill

for Chemical purposes must be rapid, super-fine, of laboratory accuracy, and absolutely consistent.

Gardner machines perform all these operations in the most efficient way.

They are economical and efficient; a high standard is maintained in the quality and quantity of their output.

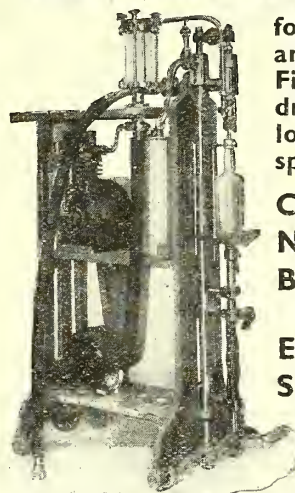
*Details and Catalogue of
all Gardner plants from*

**WM. GARDNER
& SONS (Gloucester)
LTD.**

BRISTOL ROAD, GLOUCESTER

Telephone : 2288 (2 lines).
Telegrams : "Gardner, Gloucester."
London Office : 19 Grey's Inn Chambers
20 High Holborn, W.C.1.
Telephone : Chancery 7347.

ROBERTS' PATENT "LEO" VACUUM FILLER



for Glass, Stone,
and Tin Bottles.
Fills all sizes from
drachm to quart—
long, short or
sprinkler neck.

**Clean and Rapid
No Over Filling
Broken Bottles
Rejected
Easy to Clean
Self Rinsing**

WRITE FOR
PARTICULARS

Roberts' Patent Filling Machine Co.

T. ROBERTS, Proprietor,

33 Roundcroft Street, Bolton, Lancashire
Makers of every description of Bottle Filling and Shallow
Jar and Tin Filling Machine for the Chemists' use.

ALL RIGHTS RESERVED

NOBBY'S EXTRACT

for easy home Brewing



makes **12** pints of
real beer for **1/-**

1/- size makes 12 pints. 2/6 size makes 32 pints. Light for making Beer and Dark for making Stout. Each tin is sold complete with the exact supply of Yeast. This is the line for rapid repeats and good profit.

NATIONALLY ADVERTISED. GOOD SHOW MATERIAL

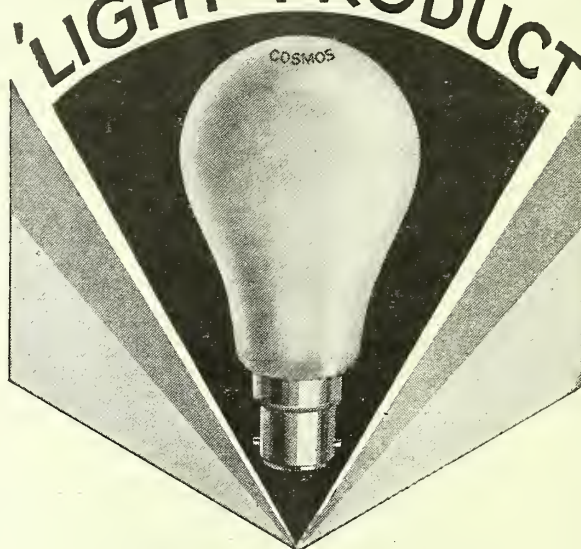
Write now for trade terms

NOBBY'S PRODUCTS LIMITED

COUNTY BUILDINGS
4 CANNON ST., MANCHESTER

The firm with real brewing experience behind it

METROVICK'S
'LIGHT' PRODUCT



Your windows aglow
with inviting brilliance
never fail to bring
customers to your shop.

When ordering your
next consignment of
lamps specify:—

COSMOS LAMPS

METROVICK'S "LIGHT" PRODUCT



METROPOLITAN - VICKERS ELECTRICAL
CO., LTD.

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MANCHESTER

NEW EDITION. 50th YEAR OF ISSUE.
THE
EXTRA PHARMACOPOEIA
VOL. I. TWENTIETH EDITION

Revised by
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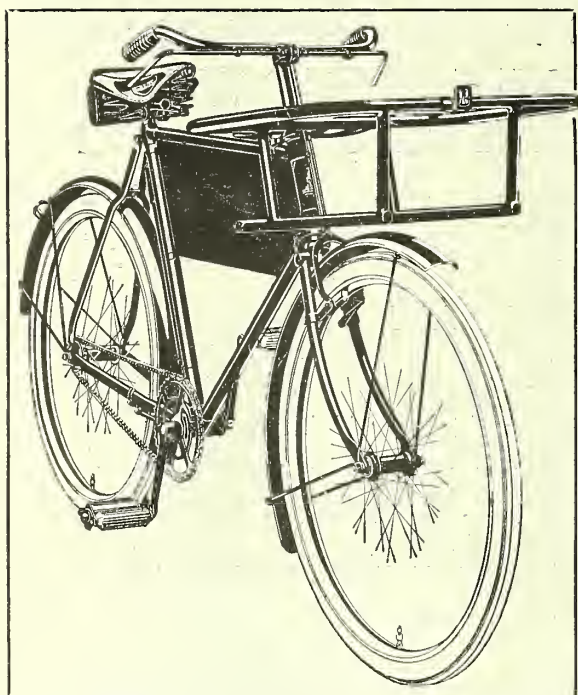
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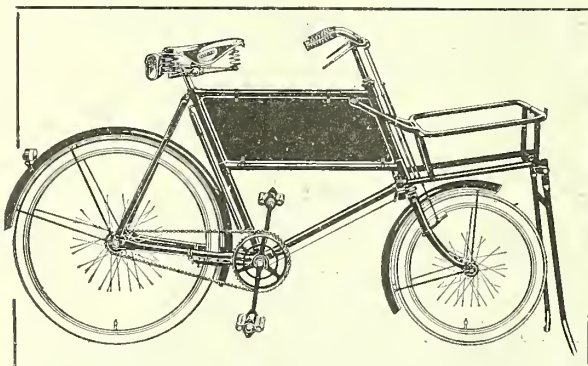
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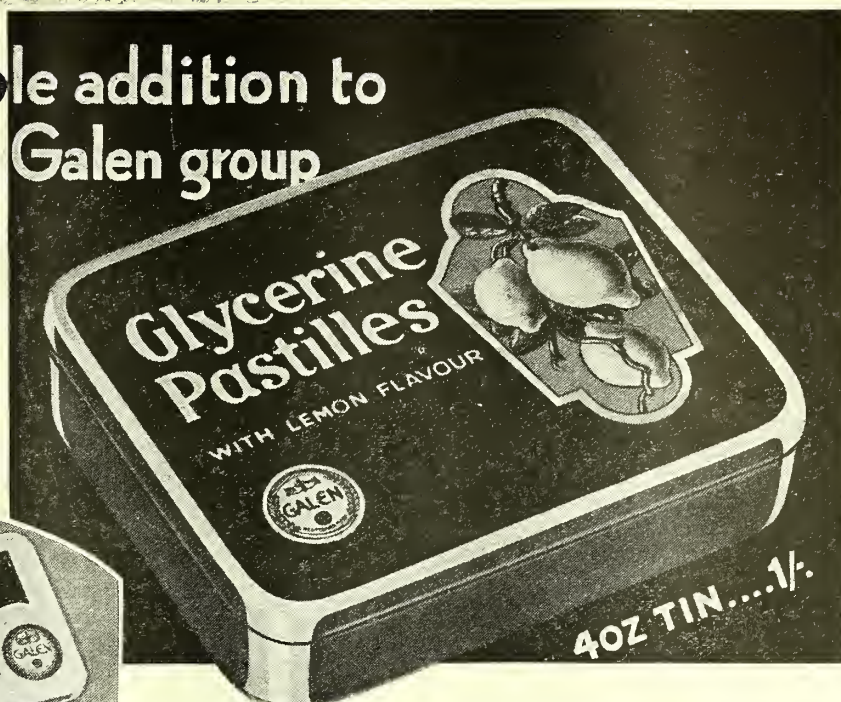
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VOL. 117. NO. 2749

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News of the Week

Import Duties Advisory Committee

The Import Duties Advisory Committee give notice of the following applications:—

For the removal of newsprint from the Free List and the imposition of an additional duty upon it:

For an increase in the duty on rice starch and compounds thereof.

Any representations which interested parties desire to make in regard to these applications should be addressed in writing to the Secretary, Import Duties Advisory Committee, Caxton House (West Block), Tothill Street, London, S.W.1, not later than October 28, 1932.

U.S.A. Tariff Modifications

The United States Tariff Commission have ordered the following modification of import duty, which became effective on September 17, 1932:—

Sponges, commercially known as sheepswool—duty reduced from 30 per cent. *ad valorem* to 22½ per cent. *ad valorem*.

Gelatin, and glue of animal origin, not specially provided for, valued at less than 40 cents per pound—amended from 25 per cent. *ad valorem* and 2 cents per pound to 20 per cent. *ad valorem* and 2½ cents per pound.

Dangerous Drugs Acts, 1920-25

WITHDRAWAL OF AUTHORITY

FREDERICK RICHARD LANFEAR MILLER

Notice is given in "The London Gazette" of October 11 that the Home Secretary has withdrawn, as from October 7, from Frederick Richard Lanfear Miller, M.R.C.S., L.R.C.P., 53 Pembridge Villas, Notting Hill Gate, London, W., the authority granted by the relevant Dangerous Drugs Regulations to duly qualified medical practitioners to be in possession of and to supply raw opium, coca leaves, Indian hemp and the drugs and preparations to which Part III of the Danger-

ous Drugs Act, 1920, applies; and directs, as from the same date, that it shall not be lawful for the said Frederick Richard Lanfear Miller to give prescriptions for the purposes of the Dangerous Drugs (Consolidation) Regulations, 1928.

Visit to Works

A party of Leeds chemists had a very enjoyable trip to York recently, to visit the works of Terry & Co., Ltd., chocolate and cocoa manufacturers. Groups of about eight were conducted round the works, and each



LEEDS CHEMISTS AT YORK

guide gave a descriptive account of the modern machinery used. As each visitor left the works he or she was presented with a box of chocolates. Many thanks are due to Messrs. Terry & Sons for the enjoyable afternoon, which was greatly appreciated by everyone who took part.

Carriage of Dangerous Goods in Ships

The Board of Trade have issued a supplement to their memorandum relating to the carriage of dangerous goods and explosives in ships (1931 edition). The supplement gives particulars of amendments to the regulations relating to various chemical substances, including acetic acid, liquid antimony chloride, collodion cotton, ferrosilicon, various granulated metals, hydrochloric acid, inflammable liquids, potassium nitrate, etc. Copies of the supplement may be obtained from H.M. Stationery Office, Kingsway, London, W.C.2, price one penny.

Inquests

A verdict of "Suicide while of unsound mind" was returned at a recent inquest at Birmingham on the body of Dr. James Caddies, Harborne, who died as the result of taking an overdose of morphine.

An inquest was held in Jersey, recently, on the body of John B. Price, an architect's assistant. Mr. Donald Dodsley, manager for Jeans, chemists, said that Mr. Price asked for mole poison, and witness supplied him with 4 oz. of 2-per-cent. solution of strychnine hydrochloride. A verdict of "Suicide" was returned.

Birmingham

The new block of buildings in Great Charles Street, which houses the tuberculosis centre, city analyst's laboratory and city bacteriologist's laboratory, was opened on September 29 by the Lord Mayor.

The Birmingham Chamber of Commerce has issued a circular to exhibitors taking, or contemplating taking, space at the next British Industries Fair (Birmingham Section) calling attention to the advisability of having descriptive matter, sale terms and so forth printed in as many of the principal foreign languages as possible, and suggesting that the work of translation should be put in hand in good time. It may be added that the Government authorities responsible for the Fair will set a good example if they will extend the use of foreign languages in their own announcements.

Miscellaneous

ALIENS RESTRICTION (AMENDMENT) ACT.—Permission has been granted to Camille L. L. Baillod and André E. R. Baillod, essence manufacturers, 32 Grosvenor Street, Hull, to use the title The Lemhony Manufacturing Co.

PETROLEUM PRODUCTS ON VIEW.—For three weeks, from October 7, an exhibition of some of the petroleum products distributed by Shell-Mex and B.P., Ltd., is on view at Charing Cross (Underground) Station, London, W.C.2. Specimens have been arranged, together with an instructive display of apparatus, in an attractive style, and experts are in attendance to answer questions. Charts and other pamphlets are obtainable free of charge.

CHRISTMAS HOLIDAYS.—The United Commercial Travellers' Association inform us that the railway companies have agreed, in connection with the Christmas holidays, that commercial travellers' week-end tickets shall be also issued, on surrender of the usual voucher, after 4 a.m. on Thursday, December 22, in addition to the following Friday, Saturday and Sunday. The tickets will be available for return up to and including Monday, January 9, 1933.

CATHOLIC PHARMACEUTICAL GUILD.—A meeting of the Catholic Pharmaceutical Guild was held at 114 Mount Street, London, W.1, recently. Mr. James Thomson presided. The enrolment of twelve new members since the last meeting was confirmed. Details in connection with the newly organised employment bureau were given by the secretary. Colonel P. W. O'Gorman, C.M.G., M.D., read a paper prepared by a lady, and in part revised by him, dealing with events associated with the life of the Venerable Gemma Galgani, whose father and brother had been members of the pharmaceutical profession in Italy. A discussion followed.

Scottish Notes

Brevities

Mr. J. T. Strachan has been appointed assistant Scottish representative for William Tait & Co., chemists' printers, Glasgow. [Corrected note.]

The final tie for the McIlwrick bowling cup was played on Blackhall Green on September 21, when Mr. J. H. Tainsh beat Mr. P. Nisbet, 21—11.

"Judging from the *C. & D.* advertisement pages and travellers' samples," writes a correspondent, "British perfumery manufacturers are excelling themselves in their art."

Dr. J. T. Tocher, public analyst for Aberdeenshire, has issued his annual report. The report states, *inter alia*, that eight samples of drugs were analysed, all of which conformed to the tests of the B.P., except one of zinc ointment and one of liquid ammonia.

Mr. Peter Nisbet, chemist and druggist, 3 Duke Street, Leith, has been appointed secretary of the Pharmaceutical Committee for the Burgh of Edinburgh, and Mr. T. Girdwood, chemist and druggist, Edinburgh, has been appointed a member of that committee in place of Mr. Nisbet.

Irish Notes

Pharmaceutical Society of Ireland

Miss F. M. Flood, the first lady pharmaceutical chemist to be elected a member of the Pharmaceutical Society's Council, interviewed by a representative of the *C. & D.* as to her policy and aims, said: "First and foremost I would like to see the Council get to work on the Pharmacy Bill, and go ahead with a measure that would provide the best possible solution of our difficulties. From the feminist view-point I would like to see lady pharmacists treated the same as men. Ladies have proved their ability in Irish pharmacy, not only in the Society's examinations, but also behind the counter and in the management of their own businesses. In the Free State there are several pharmacies run by women which are outstanding business successes. I believe that there should be equal pay for equal service. Women pharmacists take the same responsibility as men and do the same hours of duty. On what basis, then, should there be a differentiation in salaries? I shall do my best on the Council to hasten the introduction of the Pharmacy Bill, and to bring about shorter hours in business, especially in the summer season. I would like to see an eight o'clock closing general in Dublin and the provinces. On matters affecting the professional side of pharmacy I shall always favour maintaining a high standard."

Mr. Donald W. P. Boyd, the second new member elected to the Council of the Pharmaceutical Society, interviewed by a representative of the *C. & D.*, said: "You ask me to make a statement on the subject of my views and policy for the future now that I am elected to the Council. Well, it would probably be easier for me to tell you what I do not intend to do. First of all I am not going up to the Council for the purpose of subscribing to any particular 'view.' Being new to the 'politics' of Irish pharmacy, the fewer views one has the better, until one is better acquainted with the ins and outs of the issue at stake. Secondly, I did not go forward for the purpose of 'airing some petty grievance.' We all have our difficulties, but a Council meeting is not the right place for tackling the matter. The more open my mind is, therefore, the better fitted I shall be to render whatever assistance I may be called upon to give to Irish pharmacists in general. Finally, there is one thing I would like to say unhesitatingly, and that is I should like to take this opportunity of thanking all those members and associate druggists who so unstintingly gave me their support in the election."

Dublin Photographic Dealers

Mr. John Smith, writing to the *C. & D.* in connection with recent events in the Dublin branch of the Photo-

graphic Dealers' Association (*C. & D.*, October 1, p. 411), states: "The local branch of the Photographic Dealers' Association were unanimous in regard to the opposition to certain names being put on the Dealers' List, but I, for one, was opposed to the methods adopted by the four dissenting members who were present at the meeting. I note that two others who were not at the meeting have probably ultimately approved. There is at least one statement in the explanatory note which requires correction. It is, 'One of the conditions stipulated is that new dealers should be restricted to certain categories of trade.' This is not so, and I assumed the position was quite clear to everyone that the Joint Council reserved to itself the right to appoint others than those in the five reserved categories, and that the views of local Committees were not necessarily binding on the Dealers' List Committee or ultimately the Joint Council. Full facts are not always available for the information of the local committees, and we must give the Dealers' List Committee full credit for doing their best in all cases under very difficult circumstances. A strong Association for the Irish Free State would be ideal, provided we could have the co-operation of the manufacturers in regulating the opening of new accounts and the maintenance of prices. Without them our position would be hopeless even if the situation was combated and tackled by the legitimate trade. I am opposed altogether to the attitude the local Committee has taken up, and hope to have an early opportunity of explaining my position to a general meeting of the members. I should regret exceedingly if the good work of the P.D.A. in the Irish Free State should suffer a setback through any dissatisfaction amongst the members."

Brevities

Mr. W. S. Black, Ph.C., Monaghan, was a winner of £100 in the recent Irish Hospitals Sweepstake.

Mr. Robert Stevenson, R.D., Enniskillen, has lodged a claim with the Urban Council for compensation for malicious injury to his premises by the scoring of the plate-glass windows.

Owing mainly to the energy and initiative of its president (Mr. Philip J. Fox, Ph.C.) the Tramore Development Association at its recent annual meeting was able to report considerable progress.

The Portadown Chamber of Trade devoted a considerable time at its last meeting to a discussion of the problem of how to deal with travelling shops. A letter was read from the Associated Chambers of Commerce of Northern Ireland stating that the matter had been under consideration by the Council on several occasions, and that they had written to the Ministry for Home Affairs pointing out that some protection to traders in towns was essential if they were to be permitted to enter into competition on a more equitable basis with travelling shops. It was stated that associations had now grown up in several Irish towns with a view to combating the menace, and conferences had been held. A member pointed out that some people went round even from house to house selling syrups, proprietary medicines and pills. There was general agreement as to the pressing need for taxing those vehicles, but eventually further consideration of the matter was postponed.

Belfast

Mr. J. Davison has been appointed inspector of food and drugs for Belfast.

The quarterly report of the Belfast city analyst (Mr. J. H. Totton) states that an informal sample of castor oil contained 1.38 per cent. of camphor.

At the monthly meeting of the Executive Committee of the Nervous Diseases Hospital, Belfast, the question of duty on drugs was brought up by Dr. John Thompson. A resolution was adopted unanimously, in view of the prevalent distress, urging the Government to remit the duties on medicines and drugs used by the hospitals.

Sporting Events

The Irish Chemists' Golfing Society held the final event of the season on October 9 at the Castle Golf Links, Rathfarnham, Dublin, where championship games were played for the Kodak cup (presented by Kodak, Ltd.), and the Selo prize (presented by Ilford, Ltd.). The day was ideal, and there was a representative gathering of chemists from all over the Free State. The party was headed by the genial and capable captain



SOME OF THE MEMBERS AND THEIR CADDIES

(Mr. Robert Bates), and included Messrs. A. F. Hughes, D. E. Davison, J. Webb (Blackrock), B. Smith (Dublin), T. Campion (Clontarf), J. Maguire, J. Gorry (Naas), P. Kavanagh (Galway), P. Ryan (Boyle), P. Harwood (Bray), Major Amorosa (Dublin), Dr. Ryan (Dublin), J. Fitzpatrick, J. J. Roche and A. F. Roche (Dublin), and E. MacManus (Chapelizod). Play continued well into the afternoon, when the Kodak cup was won by Mr. E. MacManus (Chapelizod), with a score of 72. The Selo prize was carried off by Mr. Anthony F. Roche, one of the brilliant golfers of the Chemists' Club, with a score of 71. Both winners gave an admirable display and



THE CAPTAIN (MR. ROBERT BATES) DRIVING OFF

played uniformly good games. The day's sport was rounded off with an excellently served dinner at the club premises, at which the prizes were presented by the captain, who thanked the donors for their valuable awards. The victors returned thanks in true sporting style. Mr. Joseph Gorry, M.P.S.I., proposed a vote of thanks to the Castle Golf Club. Mr. J. J. Roche seconded the vote, which was cordially carried. The captain of the Castle Club, Mr. Mertier, responded.

ROOM TEMPERATURES.—The Department of Scientific Research has published a useful pamphlet (Building Research Technical Paper No. 13; Stationery Office, 6d.) setting forth an approved method of ascertaining the optimal temperature of a room or other enclosed space.

Coming Events

Monday, October 17

London Medical Exhibition, New Hall of the Royal Horticultural Society, Greycoat Street, Westminster, London, S.W. Until October 21.

South-West London Chemists' Association and Branch of the Pharmaceutical Society, Winter Garden Ballrooms, High Street, Clapham, London, S.W., at 8.30 p.m. Mr. Herbert Skinner, Ph.C., on "The British Pharmacopœia, 1932."

Tuesday, October 18

Pharmaceutical Society of Great Britain, Birmingham and District Branch, Scientific Section, Imperial Hotel, at 8.30 p.m. Mr. H. Berry, B.Sc., Ph.C., A.I.C., on "The New British Pharmacopœia."

Wednesday, October 19

Guild of Public Pharmacists, 17 Bloomsbury Square, London, W.C.1, at 7.30 p.m. Mr. L. W. G. Malcolm, M.Sc. (curator of the Wellcome Historical Medical Museum) on "By-ways in Pharmacy."

Manchester Pharmaceutical Association and Manchester, Salford and District Branch of the Pharmaceutical Society, Victoria Hotel, Deansgate, at 8.15 p.m. Annual smoking concert in aid of the Society's Benevolent Fund.

Thursday, October 20

Western (London) Pharmacists' Association, Stewart's Restaurant, 50 Old Bond Street, London, W.1. Annual reunion, reception at 7 p.m. for 7.30 p.m., to be followed by supper and whist drive. Tickets, 5s. each.

North-East and East London Pharmaceutical Association, St. John's Institute, Urswick Road, Hackney, at 3 p.m. Mr. G. A. Mallinson (secretary of the N.P.U.) on "The New N.H.I. Terms."

Thames Valley District Pharmacists' Association, Kingston Hotel, Kingston-on-Thames, at 8.45 p.m. Supper.

Liverpool Chemists' Association and Branch of the Pharmaceutical Society, Royal Institution, Colquitt Street, at 8.30 p.m. Mr. A. Leslie Armstrong, M.C., F.S.I., F.S.A., on "Cave Digging in Rhodesia" (lantern lecture).

Business Changes

Mr. W. H. GREEN, chemist and druggist, has opened premises in the City Arcade, Coventry.

Mr. S. H. SALMON, Ph.C., has acquired the business of Mr. A. E. Bolshaw, chemist and druggist, 7 Claremont, Hastings.

NEEDHAM & SONS, chemists, 81 Raby Street, Moss Side, have transferred this branch business to 81 Princess Road, Manchester.

Mr. J. GUY, chemist and druggist, 119 Raby Street, Moss Side, has transferred his business to 36 Princess Road, Moss Side, Manchester.

Mr. JOHN KEALL, chemist and druggist, has acquired the business lately carried on by Mr. J. V. Hyde, 91 High Street, Wandsworth, London, S.W.18.

Mr. JOSEPH BASHULL, chemist and druggist, has acquired the business of Mr. A. E. Bradley, chemist and druggist, 55 Meadow Street, St. Paul's Road Corner, Preston.

Mr. J. L. BARNETT, for twenty-seven years representative for Jules Lang & Son, London, N.1, has commenced in business on his own account, and, trading as Jack L. Barnett, Ltd., offices, showrooms and warehouse have been opened at 18 Basinghall Street, Leeds, where a full range of glass containers of every description is now available.

Topical Reflections

By Xrayser

The Study of Anatomy

is recommended to pharmacists by one of your contributors (*C. & D.*, October 8, p. 439), but it appears to me that the subject about which he writes is what would be more correctly described as animal morphology. This certainly should now be introduced into the pharmaceutical curriculum as part of the biology with which we ought to be acquainted, just as plant morphology is part of the botany which ought to be retained in our scheme of study. Planning of the biology syllabus for our purposes will need the most careful consideration; but, however much it may seem restricted when it comes into operation, it will always be open to any of us to extend our study of the subject according to our particular requirements. The important thing is that our course of instruction prior to examination should include sufficient knowledge of what may be termed the basic subjects to provide us with a satisfactory foundation on which to erect as extensive a structure as may be required when we embark upon an independent career.

Needless Complication

is, I fear, being allowed to attend the introduction into dispensing practice of the new British Pharmacopœia, and I am becoming more firmly convinced than ever that we should not permit ourselves to be unduly impressed or influenced by the proposal of the Minister of Health. It seems not unreasonable that formulas in the National Insurance Formulary should remain unaffected by changes in the Pharmacopœia until such time, not too far distant, as a fully revised edition of the Formulary can be issued; but the rule that is to prevail in Northern Ireland (p. 541) in the case of prescriptions written in full, or not included in

the Formulary, appears to me wiser than that which emanates from Whitehall. I doubt even whether immediate application of the new B.P. standards to the N.I.F. would make any material difference; but it is to be borne in mind that the various pricing offices in England and Wales will be bound by the decision of the Minister of Health, so that the pricing of N.H.I. scripts dispensed during the five months ending March 1, 1933, must be in accordance with the formularies of the British Pharmacopœia, 1914, unless prescribers have indicated a preference for preparations of the 1932 B.P. Even this may not involve any marked difference, so far as we are concerned, but obviously we must exercise discretion in any deviation from the course indicated by the Minister of Health.

New Provisional Rules

under the Dangerous Drugs Acts are to come into operation forthwith on account of urgency (p. 433). As will be seen from the schedule appended to these provisional rules, there is now quite a large number of B.P. and B.P.C. preparations included in the excepted list. But what will interest chemists more is the fact that mixtures of certain excepted preparations with other preparations can now be supplied without unnecessary fuss. It has always seemed absurd that there should be greater restriction upon the supply of dilutions of particular opium preparations than upon the supply of the preparations themselves, and the release of such dilutions from the application of rules imposing needlessly involved procedure will be welcomed by all dispensing chemists. It is noteworthy that the wording of the new provisional rules provides specifically for preparations of both the old and new Pharmacopœias, so that no difficulty of interpretation ought to arise in this connection.

B.P. Notes

Yellow Beeswax

I notice that in the new British Pharmacopœia under "Yellow Beeswax—Tests for Purity," the last test is described as follows:—"Boil about 1 gram for one hour under a water-cooled reflux condenser with 10 millilitres of $N/2$ alcoholic potassium hydroxide and 10 millilitres of alcohol (95 per cent.)," etc. The alcoholic potassium hydroxide is described elsewhere as being made with 90-per-cent. alcohol. This test is based upon one worked out by the late Mr. M. S. Salamon and myself, and published in the "Journal of the Society of Chemical Industry" in 1915.

I find that the use of potash solution made with 90-per-cent. alcohol raises the cloud point considerably. In fact, it is doubtful whether any genuine beeswax would pass the test under these conditions. In the test as usually carried out by us the alcoholic potash is made with 66 o.p. industrial methylated spirit, and in our original paper we point out that this can be done. We suggest that a suitable description is the following:—"Boil 1 gram for one hour under a water-cooled reflux condenser with 20 millilitres of $N/4$ alcoholic potassium hydroxide made with industrial methylated spirit," etc.—W. M. SEABER.

A Dual Standard for Dispensing

In the course of a lecture on "The British Pharmacopœia, 1932," given to the Torquay and District Branch of the Pharmaceutical Society on October 12, Mr. H. Wippell Gadd, after describing how the work was produced, said:—

This method of preparing the Pharmacopœia would seem to be calculated to produce the best results, and as far as it has been possible to examine the new volume in the limited time which has passed since it was published, appears to have been justified by results. It is necessary, however, to protest against the synchronisation of the publication and the coming into force of the new book. It is impossible for prescribers, manufacturers and dispensers to read and digest the Pharmacopœia in a short space of time; it needs careful study, and it may well be that months will pass before all its implications are fully understood, whilst the manufacture and assay of many of its preparations necessarily require time. These points have been made again and again. The official answer to them, in so far as one was given, was:—

"... The General Medical Council have considered the matter carefully in all its aspects with a view, as far as possible, to meeting the convenience of those concerned without endangering the copyright of the property entrusted to them by statute, and it is matter for regret to the Council that no legal method other than the one adopted has been found or suggested."

One might accept with due respect the legal opinion which the Council has obtained; but on the day before it was published in "The Times," a suggestion was made in that paper that the difficulty might be surmounted by a very simple amendment of the Medical Council Act of 1862—namely, the substitution, in Section 3 of that Act, for the words "when published" of the words "six months after its publication." This suggestion has not been challenged but has practically been adopted by a Minister of the Crown; for a circular was issued from the Ministry of Health on September 30 prescribing that "the date from which the abbreviation 'B.P.' appearing after the title of any drug included in Part III of the Drug Tariff shall (in the absence of an indication on the prescription of a contrary intention on the part of the prescriber) denote the standard or formula of the British Pharmacopœia, 1932, instead of the standard or formula of the British Pharmacopœia 1914, shall be March 1, 1933" [C. & D., October 8, p. 451]. A pharmacist to whom a prescription is brought for dispensing is therefore compelled to consider the following points:—

(1) Is the prescription written for the National Health Insurance purposes? If so, and it specifies pharma-

ceutical medicines, and does not indicate any particular Pharmacopœia, it must be dispensed in accordance with the British Pharmacopœia, 1914. (Note:—This rule is only in force until March 1, 1933, whereafter, unless the prescriber otherwise indicates, preparations made according to the standards of the B.P. 1932 must be used.)

(2) If the prescription is not written for National Health Insurance purposes, was the intention of the prescriber to order medicines in accordance with the British Pharmacopœia, 1914, or the British Pharmacopœia, 1932? The answer to this question will be determined partly by the date of the prescription, but that will not always be an infallible guide. If the prescription was written before September 30, 1932, undoubtedly the medicines of the British Pharmacopœia, 1914, were intended by the prescriber; but the contrary does not always follow, for it may well be that for many months yet prescribers will still be thinking in terms of the B.P. 1914, and dispensers will have to use their judgment as to the standards of which B.P. to follow.

Fortunately the material changes in medicinal strength are not very numerous nor such as are likely to cause overdosing. The material changes in the strength of preparations are less than fifty, and barely ten of these are of immediate importance in dispensing. Further, the majority of these changes reduce the strength of the preparations and are therefore more calculated to cause disappointing than dangerous results. The fact remains, however, that difficulties are bound to arise so long as, whenever a new British Pharmacopœia is published, it is deemed to become operative forthwith; and if, as it would appear, this practically impossible and potentially dangerous procedure can only be amended by new legislation, which could be of a simple and non-controversial character, such legislation should be introduced without further delay.

British Pharmaceutical Conference, 1933

The London Executive Committee of the Pharmaceutical Conference has now got to work. The date of the Conference will be the week commencing July 24, 1933. Mr. G. B. Barnard took the chair and twenty-one members were present at the meeting which took place on September 29. In addition to the members whose names have already appeared, the following were co-opted:—Mr. G. B. Barnard, Mr. H. E. Chapman, Dr. C. H. Hampshire, Mr. G. A. Mallinson and Mr. G. A. Tocher.

LOCAL OFFICERS

The local officers appointed are as follows:—

Chairman, Mr. A. R. Melhuish.

Vice-Chairmen, Mr. R. R. Bennett, Mr. F. W. Gamble, Sir Harry Hague, Mr. D. Lloyd Howard, Mr. G. E. Pearson, Mr. E. J. Millard and Mr. W. J. U. Woolcock.

Treasurer, Mr. W. J. Beardsley.

Secretary, Mr. H. N. Linstead.

COMMITTEES

A ladies' committee was decided upon, with Mrs. Corfield as secretary and convener. The following were elected chairmen and conveners of the committees mentioned:—Reception and Housing, Mr. G. A. Tocher; Publicity, Mr. A. Mortimer; Entertainments, Mr. T. Marns; Sports, Mr. H. Skinner.

ORGANISING COMMITTEE

The following officers were appointed:—The chairman, treasurer and secretary of the London Executive; the chairman, treasurer and joint secretaries of the Conference; the chairman of the ladies', reception, publicity, entertainments and sports committees; Mr. John Keall; Mr. G. A. Mallinson.

Legal Reports

Interim Injunction Granted.—In the Chancery Division of the High Court, London, on October 12, Mr. Justice Farwell granted an injunction, till trial of the action, against William T. Davison, trading as British Pharmacies, restraining him from infringing the registered trade mark in the word "Bisurated" and from issuing, displaying, or using printed matter calculated to pass off his goods as and for Bisurated Magnesia. It was explained that substituted service had been effected on Mr. Davison, but no appearance had been entered. It was alleged that he offered to sell what purported to be copies of the remedy at half the price of the genuine remedy. Mr. Justice Farwell said that costs would be costs in the action. His lordship also granted an injunction in similar form against Mr. Davison restraining him from infringing the registered trade mark in "Carter's Little Liver Pills."

Dangerous Drugs Acts.—At Thames Police Court, London, on October 10, Hughes Pharmacy, Ltd., Upper North Street, Poplar, E., were summoned, under the Dangerous Drugs Acts, on eight charges, and Harold Chard, chemist and druggist, Blacklands Road, Catford, S.E., on eight other charges. Mr. Vincent Evans, for the prosecution, said four summonses were against the company for unlawfully procuring drugs, four against Chard for aiding and abetting, four against the company for being in unlawful possession, and four against Chard for being in possession. The facts were that Hughes Pharmacy, Ltd., was registered in 1925, and Annie Margaret Hughes was managing director. The registered superintendent left in June last, and opened a business on his own account. When he left, Mrs. Hughes was in Wales, and the only person in charge was a man who had been employed as an assistant, but was not a qualified chemist. He advertised for a qualified chemist, and Chard answered. Chard had previously been in business on his own account, but his authority to be in possession of "dangerous" drugs was withdrawn in 1924. He was engaged, and it had been ascertained that during July he ordered quantities of preparations of opium in excess of the normal quantities used in the shop. All these purchases were properly entered in the book, but there was no information as to where the drugs went to. He left on August 6. It was Chard who was taking the drugs, and it was serious to contemplate what would happen if he was affected while in charge of a chemist's shop. Mr. H. Glyn-Jones, barrister, who appeared as counsel for both defendants, said that with regard to the limited company, their offence was that they did not inform the Pharmaceutical Society as to the superintendent. They were not aware that Chard had no authority to order drugs. The form was not sent to the Society because Mrs. Hughes was in Wales and it was left to the assistant. The first time she heard he had no authority was on August 3. With regard to Mr. Chard, he had been in the habit since his very early days of taking a regular daily quantity of opium. So long as he was getting a very small daily supply his demeanour and conduct was that of a normal person. He was able to carry on, and had carried on, his duties in a chemist's shop to the satisfaction of many employers since 1924, when his authorisation was withdrawn. Chard had no idea he was prevented from accepting employment as he did, and it was only last year that the Divisional Court gave a ruling which made the position clear. He was a good husband, and with his earnings had kept his home together. Apart from taking regular doses of drugs, there was nothing to be said against him. If he were sent to prison his supplies of drug would be immediately cut off, and it was difficult to guess what would happen. He (counsel) would suggest the proper course was that he should be looked after under proper medical supervision. The doctor would say that the amount he was allowing him was comparatively small, and the brothers-in-law were prepared to make themselves responsible for the continuation of the treatment. Dr. Evans, Catford, gave evidence that he had been attending Chard for morphine addiction for

some time. Mr. Glyn-Jones: Is it your view that at the moment he cannot do without morphine?—He must have morphine at the moment. Is it your opinion that he will ever be completely cured?—In my opinion he will never be completely cured. In answer to further questions, he said Chard had taken doses almost daily for thirty or forty years. For a drug addict, he took an amazingly small quantity. Mr. Henry Stephens, brother-in-law of Chard, said he was prepared to undertake that the medical treatment should continue. The magistrate said he did not wish it to be thought that he treated or regarded this matter lightly. This, however, was an exceptional case. In the case of the company he thought it was a slip. He would convict the company on the first summons, and they would be fined £25 and 20 guineas costs. With regard to Chard, he had relations who were looking after him, and the poor fellow was down and out owing to this drug business. It was not a moral question but a pathological one. In order to show that the prosecution was justified, he would be fined £5 or a month on the eighth summons. He would also be bound over in his own recognisances of £100 and two sureties of £100 to come up for judgment in two years. There would also be an undertaking that he should never again engage himself in any capacity in a chemist and druggist's business.

Private Arrangements

W. W. Barradell, Osborne Street, Leicester, wholesale druggist, etc.—The creditors of the above met recently at Leicester, when the statement of affairs showed ranking liabilities of £1,221 6s. 3d., made up as follows:—Unsecured claims, £844 13s. 3d.; cash creditors, £356 11s.; and partly secured creditor, £20 2s. The latter was the bank, who claimed £224 2s., and they held two life policies of the surrender value of £204. In addition, a building society was shown as a fully secured creditor for £1,095 15s. 6d., and they held security valued at £1,600 in the shape of charges on a private house and on a warehouse. After allowing £2 13s. 8d. for preferential claims, the net assets were £886 10s. 10d., or a deficiency of £334 15s. 5d. The assets consisted of fixtures and fittings, £61 2s. 4d., valued at £5; stock, £265 9s. 5d., put down at £130; book debts, £493 5s. 4d., estimated to produce £250; and surplus from fully secured creditor, £504 4s. 6d. It was stated that the present position had been brought about through the ill-health of the debtor. The debtor had been in business for about twenty-five years. An offer was made to pay a cash composition of 8s. in the £, which it was decided should be accepted.

Bankruptcy Reports

Re Fred Rawson, 27 Salisbury Avenue, West Kirby, Cheshire, formerly 629 Smithdown Road, Liverpool, Lancs, chemist and druggist.—The public examination was held on October 4, at the Court House, Liverpool. A statement of affairs had been filed which showed unsecured liabilities of £2,754, with no free assets. Replying to questions debtor said that in February 1915 he registered a limited company called Rawsons, Ltd., which had a nominal capital of £2,000. Early in 1928 the premises were sold to a director of the company, he taking over the mortgages amounting to £1,800. The transaction was not a cash one, the buildings were transferred to him in satisfaction of these loans. At the time of the liquidation the unsecured creditors' claims amounted to £4,000, but the assets were insufficient to meet the claim of the debenture holder. Debtor had also promoted a company called "Rawsons (1930), Ltd.," which was registered on December 31, 1930, with a nominal capital of £1,000. Debentures amounting to £400 were held by debtor's wife and another relative, which debentures were later lodged with the bank to secure a loan. In February last the bank appointed a receiver, and it was on their petition that the present proceedings were instituted. The examination was closed.

Pharmaceutical Society of Northern Ireland

Annual Meeting

(Concluded from THE CHEMIST AND DRUGGIST, October 8, p. 438)

THERE was a good attendance at the seventh annual meeting of the Pharmaceutical Society of Northern Ireland, held on October 3, at the Chamber of Commerce, Belfast, the president (Mr. J. E. Connor) in the chair. The following members of the Council were present:—Messrs. R. I. Edwards (vice-president), Fred. Storey, H. Todd, S. S. Badger, S. H. Forrest, Samuel Gibson, W. Martin, G. W. P. McCann, H. F. Moore and Dr. S. E. A. Acheson.

The announcement of the result of the Council election (already reported in THE CHEMIST AND DRUGGIST) was followed by

THE PRESIDENT'S ADDRESS.

THE PRESIDENT said they would have seen from the balance sheet already circulated that they had had a successful year financially, there being an excess of income over expenditure of £1,269 8s. 9d., which was most satisfactory. The fees received from students entering for the Licence examination under the modified conditions were a very large amount. This source of income had now ceased, as the last examination under that grade had been held in June 1932. The amount received yearly in respect of licence fees from the Ministry of Home Affairs continued to increase owing to the large number of new businesses which were being opened. Unfortunately, the depression in trade still continued, and their profession and business had suffered considerably; but he thought the dark cloud of depression was slowly passing and they might look forward to brighter days in the near future.

He much regretted to state that since their last annual meeting the hand of death had removed from their ranks the following members and licentiates:—R. E. Marshall, Dungannon; G. D. McConkey, Agnes Street, Belfast; and Samuel Suffern, Shankill Road, Belfast (one of the original druggist members of the Council); and the following associates:—Maxwell Given, Londonderry; William Orr, Armagh; and William McMullan, Victoria Street, Belfast.

During the year fifty-three Licence certificates were issued, viz., 38 under modified conditions and 15 under the New Syllabus conditions. One Assistant's certificate was also issued. Thirty-three Preliminary Scientific certificates were issued, and 94 certificates of Apprentices to Pharmaceutical Chemists. Since the formation of the Society 362 certificates of Apprentices to Pharmaceutical Chemists have been issued, 120 Preliminary Scientific certificates, one certificate of Assistant to a Pharmaceutical Chemist, 378 Licence certificates. This number is made up as follows: Modified, 259; Old Syllabus, 77; Final, 40; Reciprocal Agreement with Great Britain, two.

The vexed question of the sale of agricultural and horticultural poisonous substances by traders was still a thorny one; and until the Act was amended, the Council could do very little to restrict the sale to the drug trade only. He could assure them, however, they were doing their very best to get that matter put right legally, as well as a Third Part added to the Poisons Schedule.

He had attended the British Pharmaceutical Conference at Aberdeen last month, together with several members of the Council and their secretary. They all received a very hearty welcome. The Conference may meet in Belfast in the near future.

He hoped that very soon the Society would have a proper building as headquarters, equipped in such a way that all the professional and trade associations would be able to hold their meetings in it, with a good library and reading room, and an up-to-date laboratory fully equipped for biochemistry research work. There should be ample scope for chemists to take up that subject and qualify themselves to do test work for doctors, etc. They had the money on hand, and he did not think it could be put to better use. In conclusion, he should like to thank the members of the Council for their indul-

gence to him during the year, and to the secretary and Miss Kirkpatrick his special thanks were due for making his year of office so pleasant in the much-appreciated help they had given him.

Mr. TODD spoke in high terms of the manner in which Mr. Connor had filled the presidential chair during the year. As to new premises, they had hoped for help from the Government, but they were not disposed to help owing to the financial stringency.

Mr. STOREY said they were bound to get a house as headquarters. The Government did not give them a grant, but gave them the full licensing fees for two years, and a portion of the fees for a further period. As to agricultural poisons sales, there was a flaw in the Act, but he hoped in the near future they would get legislation that would cover the point.

Mr. EDWARDS said it had been a great pleasure to work under Mr. Connor, and he hoped he would be spared to them for many years to come.

FINANCIAL STATEMENT

Mr. TODD (treasurer) presented the financial statement showing a credit balance on the year's working of £1,265. The capital account showed a balance of £9,277 to the good.

THE PRESIDENT thanked Mr. Todd for the attention he had given to the finances.

Mr. S. GIBSON, in moving the adoption of the report, said it was a splendid one. They were over £1,000 to the good during the year, and the business of the Society had been conducted in a very satisfactory manner. The election was a good thing, for it stirred the members up. In going round during the previous week he found several things on the minds of chemists. One was the long hours, which was the fault of the Government, not the Society. Another point was that the chemists and druggists were feeling the competition of the grocer and the huckster. A third point was concerning the sale of agricultural and horticultural poisons by non-qualified persons.

Mr. BADGER seconded the motion thanking the treasurer for his services during the year.

In reply to Mr. STOREY, the TREASURER said the War Loan had been converted.

Dr. ACHESON joined in the congratulations to the treasurer and the president. He said that 690,000 National Health Insurance prescriptions were compounded in Northern Ireland during the year. For that chemists got £43,700. The treasurer's report was unanimously adopted.

Mr. TODD, in reply, acknowledged the work of Mr. Kirkpatrick and Miss Kirkpatrick.

VOTES OF THANKS

Mr. TODD referred to the work done by Mr. Hardy and Mr. Dundee, the defeated candidates at the election. Mr. Hardy, he said, did a tremendous amount of work during his year of office. He was the moving spirit in the matter of reciprocity. Mr. Dundee acted as treasurer for many years. He proposed that they place on record an appreciation of their services while on the Council.

THE PRESIDENT seconded, observing that the wheel of fortune had gone against them, but perhaps on some future occasion they would have a further term of office.

A vote of thanks was accorded to the secretary and Miss Kirkpatrick on the motion of Mr. EDWARDS, seconded by Mr. BADGER, both referring to their courtesy at the office.

Mr. KIRKPATRICK returned thanks, and expressed the hope that next year they would have some entrants for the Fairchild Scholarship.

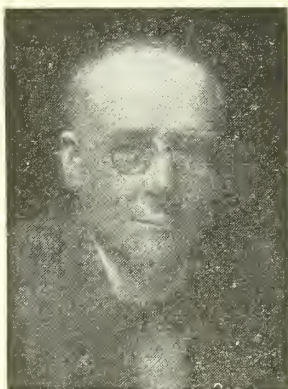
THE PRESIDENT, in closing the proceedings, referred to the assistance given by Mr. Edwards, the vice-president.

The Skinner Jubilee

WHEN the idea of celebrating Mr. Herbert Skinner's fifty years in pharmacy was first mooted, it was regarded merely as a North London compliment to the man who had been secretary of the Association since its inception. But it was quickly discovered that others besides North Londoners wanted to participate, for the man himself had become a national—almost an international—pharmaceutical asset. The result was that at the Criterion Restaurant, Piccadilly Circus, on October 6, a company of about 200 assembled, representative of pharmacy in active function in all parts of the United Kingdom, Ireland, Australia, Canada and the United States. Pharmacists in far-flung parts of the Empire who were unable to be present in the flesh indicated their spiritual presence by cablegrams and cordial messages of goodwill.

Mr. J. C. Young, who presided genially over the gathering, stated that so many messages had been received from all parts of the United Kingdom that

it would be impossible for him to enumerate them. He made an exception in the case of Mr. J. T. Walters, a former president of the North London Association, who was seriously ill in a nursing home. Outside Great Britain telegrams were received from Mr. Brooke-Kelly, president of the Pharmaceutical Society of Ireland, Mr. Frank J. Fitzpatrick of Dublin, the president and Council of the Pharmaceutical Society of Northern Ireland, and Mr. D. J. Kirkpatrick, the secretary. From Belfast came likewise letters,



MR. HERBERT SKINNER, PH.C.

cards and messages from Mr. W. J. Hardy and Mr. Horatio Todd, both past-presidents of the Northern Ireland Society. From Sydney, New South Wales, there was a cable from Mr. A. T. Tyler, while from New York came greetings and good wishes from Dr. Army, Dr. Wimmer and Dr. Leon Lascoff. There were also messages from Dr. E. F. Kelly, of Baltimore, Mr. E. Brier, of Detroit, and the secretary of the American Pharmaceutical Association. Among those present were Mr. James McCoubrey, a pharmacist of Toronto and managing director of the United Drug Co. of Canada.

The keynote of the evening was affectionate regard for a man who (as Mr. F. Gladstone Hines, president of the Pharmaceutical Society, said in proposing the toast of the evening) "is an outstanding figure in British pharmacy at the present day." Mr. Hines went on to say that Mr. Skinner had acted as godfather to him throughout his public pharmaceutical career. He had been closely associated with their guest on the Council for fifteen years, and his honesty of purpose, his unselfish devotion to the betterment of pharmacy, and, above all, his intangible personality had endeared him to pharmacists at home and abroad. Mr. Skinner had only one hobby, and that was pharmacy. His work had been recognised by his colleagues, for he had held the highest offices in pharmacy as president of the Pharmaceutical Society and chairman of the British Pharmaceutical Conference.

The fact that the gathering was representative of every section of pharmaceutical life was emphasised by Mr. John Keall (vice-president of the Society), who followed Mr. Hines. Mr. Keall further testified to the loyal and sincere gratitude felt by his colleagues and the pharmaceutical community generally for the conscientious work done by Mr. Skinner during the past

twenty years. In a graceful little speech Mrs. J. C. Young presented Mr. Skinner with a cheque for £215—the amount received in subscriptions from pharmacists in all parts of the world.

It was obvious that the guest of the evening was deeply touched by his reception on rising to reply, and it was a few minutes before his voice gathered its usual assurance. His reply was on a definitely high note all through. He accepted the president's statement that for the past thirty years at least pharmacy had been his hobby. Without becoming unduly retrospective, he could not help thinking, he said, that if in, say, 1880, there had been the same self-consciousness in pharmacy as there was to-day pharmaceutical conditions now would have been very different. He had worked during these fifty years for what he considered was the good of pharmacy, and, although there were still many things which he disliked, he thought that after all some good had been done and that they had not laboured in vain. He expressed gratitude to all those friends who were present, and to those who had written or sent messages to him, and he particularly appreciated the fact that Mr. McCoubrey had come to honour him that evening.

The only other toast was that of "The Chairman," proposed by Mr. Arthur H. Jenkin, and responded to, in his usual breezy manner, by Mr. J. C. Young. In the course of his response Mr. Young said that they were particularly proud of the fact that they had with them that evening the president, the vice-president, the treasurer, one of the past-presidents of the Pharmaceutical Society (Mr. A. R. Melhuish), and the secretary (Mr. H. N. Linstead), and several members of the Council. These included Mr. W. J. Beardsley, Mrs. Freke, Mr. John Humphrey, Mr. Thomas Marns and Mr. Saville Peck. Tribute was likewise paid by him and by Mr. Jenkin to the work of the secretary, Mr. G. F. Weiss, who was responsible for the work of organising the function.

The spur tables were headed by Messrs. J. Milner, J. Hearle, G. F. Tocher, G. F. Weiss, A. H. Jenkin and Hugo Wolff; and others of the company included: Mrs. Beardsley, Mr. R. R. Bennett, Mr. and Mrs. William Chalmers, Mr. Martin Daniels, Dr. C. F. Hampshire, Mr. and Mrs. Peter Irvine, Mrs. Keall, Mrs. Alec Keith, Mr. F. Lawman, Mrs. Linstead, Mr. and Mrs. Pat Maw, Mr. and Mrs. Vernon Porter, and Mr. and Mrs. W. C. Sayers. An excellent musical programme was arranged by Mr. Walter Glynnne, who himself contributed several much-appreciated musical items. At ten o'clock the Victoria Rooms were cleared for dancing, which was kept up with considerable vigour until about one o'clock. Certainly a unique and an unforgettable evening.

College Notes

CHELSEA POLYTECHNIC

THE Parliamentary Secretary to the Board of Education (Mr. H. Ramsbotham, O.B.E., M.C., M.P.) will open the building extension and distribute diplomas and certificates to students on Friday, November 4, at 8 p.m.

NEW COLLEGE CLUB

At a recent meeting held by the pharmaceutical students of the Plymouth Technical College it was decided to form a club to promote social events and to encourage fraternisation between different sections of pharmacy in the college. The following were elected officers:—*President*, Mr. Alan H. Ware (head of School of Pharmacy); *Student Chairman*, Mr. A. G. Madge; *Secretary*, Mr. L. John White; *Treasurer*, Mr. George T. Young; *Committee*, Miss P. E. Bryan, Mr. G. R. Gilbert, Mr. F. P. Blewett and Mr. S. R. May. The committee of the Plymouth and District Branch of the Society has given permission for the club to hold its meetings in their rooms at the Mikado Café, Old Town Street, Plymouth.

The British Pharmacopoeia, 1932

Abstract of an Address by Mr. J. H. Franklin, Ph.C.

(Concluded from THE CHEMIST AND DRUGGIST, October 8, p. 443)

ALOE.—Cape aloes has been added to the list of varieties in the B.P. This is in agreement with commercial usage.

AMYLUM.—It is good news that there is only one starch in the B.P., i.e., maize starch. In an Appendix, however, there is a starch reagent made from potato starch.

AQUÆ CONCENTRATÆ.—Three are included—dill, cinnamon and peppermint—and they are of the usual 1 to 39 strength, so that we have distilled waters and concentrated waters for dill, cinnamon and peppermint. It would have been far simpler to abolish practically all the distilled waters and replace them with well-made concentrated preparations, which are quite satisfactory and far more economical and convenient.

BELLADONNA PULVERATA.—When *belladonna folium* is prescribed, the B.P. directs that *belladonna pulverata* shall be dispensed.

CALCII CARBONAS.—This is the official name for the old *calcii carbonas præcipitatus*, and removes the confusion that surrounds the dispensing of "calc. carb." On the other hand, it is certain that some prescribers will prefer *creta præparata* in their medicines; and if they do may I suggest that they should write "creta," the new B.P. name for prepared chalk.

CREOSOTUM.—It is hoped that the revision of the standards will result in an improvement of the quality of this important drug. The maximum dose is increased to 10 minims.

DIGITALIS PULVERATA.—This is an important addition to the Pharmacopoeia, and when any form of *digitalis* leaf is prescribed, the B.P. directs that this powder shall be dispensed. It is assayed biologically by comparison with the international standard *digitalis* powder, and can be used for preparing the tincture without any biological assay. If carefully stored, it keeps well.

ERGOTA PRÆPARATA.—When *ergot* or powdered *ergot* is prescribed, *ergota præparata* must be dispensed. This is standardised to contain 0.1 per cent. of total alkaloids as *ergotoxine*.

EXTRACTUM ERGOTÆ LIQUIDUM.—Materially altered; made with an acidified alcoholic menstruum, and said to be more satisfactory than the old preparation, especially when administered for its more prolonged action. It is standardised to contain 0.06 per cent. of total alkaloids, and after storage it is required to contain not less than 0.04 per cent. This preparation is considerably weaker than a one in one extract made from good *ergot*.

INFUSA CONCENTRATA ET RECENTES.—There is an objection to overloading the Pharmacopoeia, and we should have been quite satisfied with well-made concentrated preparations alone.

INFUSUM DIGITALIS RECENS.—This is prepared from the biologically standardised *digitalis* powder. Its maximum single dose is four fluid ounces (much greater than that of the 1914 B.P.), which appears to agree with more modern methods of producing rapid digitalisation in acute cases of auricular fibrillation and cardiac failure. When infusion is prescribed, fresh infusion must be dispensed.

LIQUOR ARSENICALIS.—A new formula producing a water-white neutral solution. I have grave doubts about the keeping properties of this solution.

LIQUOR IODI SIMPLEX.—This solution has been adopted in face of the fact that a large percentage of the iodine disappears (as much as from 15 to 20 per cent. in three months), forming *hydriodic acid*, etc.

MISTURA SENNÆ COMPOSITA.—As three of the ingredients are changed, the alteration is considerable; the liquid extract of *liquorice*, compound tincture of *cardamom* and infusion of *senna* are all different.

MUCILAGO ACACIÆ and **MUCILAGO TRAGACANTHÆ** are both made with *chloroform water* in place of distilled water. Both have doses included in the monographs.

NUX VOMICA PULVERATA (standardised to contain 1.2 per cent. of *strychnine*) must be dispensed when *nux vomica* is prescribed.

PARAFFINUM LIQUIDUM.—A considerable change has been made. A denser product is required, and the viscosity test is introduced. The maximum dose is increased to 1 fl. oz. The oil will be too thick for spray solutions.

PHENOL LIQUEFACTUM.—Now contains only 80 per cent. of phenol, the object being to prevent crystallisation in cold weather.

PILULA FERRI CARBONATIS is now the official name for *Blaud's pill*. The maximum dose has been increased to 30 gr. in agreement with modern views on iron therapy.

PULVIS RHEI COMPOSITUS.—The keeping properties are much improved, but the actual *magnesia* content is only about one-half (calculated as oxide) that of the 1914 powder.

SODII CHLORIDUM.—The monograph has been completely reconstructed so that the salt shall be suitable for all kinds of injections.

SODII SALICYLAS.—The tests have been amplified. This is necessary on account of its extended use as a sclerosing agent in the treatment of varicose veins, and directions are given for the sterilisation of solutions.

SPIRITUS ÆTHERIS NITROSI.—A little more latitude is allowed in the minimum figure after storing; the figures are now 1.25-2.5 per cent. of ethyl nitrite.

SYRUPUS FERRI PHOSPHATIS COMPOSITUS.—This is the B.P.C. syrup introduced into the B.P., with assay processes. It has the synonyms "Parrish's food," "Parrish's syrup" and "chemical food." This should have the effect of improving many specimens of this syrup.

SYRUPUS PRUNI SEROTINÆ.—The new name for *syrupus pruni Virginianæ*. The sugar is increased and the glycerin reduced.

TINCTURA IPECACUANHÆ.—There is a footnote which states that tincture of *ipecacuanha* replaces *vinum ipecacuanhæ*, B.P., 1914, and contains the same proportion of alkaloids; but I feel certain that there is some misunderstanding, as this is not what the Committee recommended.

TINCTURA OPII CAMPHORATA is the new name for our old friend *tinct. camph. co.*

TINCTURA SCILLÆ.—The strength is halved and the maximum dose increased to 30 minims. The changes in the preparations of *squill* are made on account of the international agreement.

THYROIDÆUM.—The dried gland in powder. Thyroid glands from oxen, sheep and pigs may now be used. It is now standardised to 0.1 per cent. of iodine in combination as *thyroxine*, and not more inorganic iodine than 10 per cent. of the total iodine. It has the synonyms "thyroidæum siccum," "dry thyroid," "thyroid extract," "thyroid gland."

UNGUENTUM AQUOSUM.—An ointment containing 24 per cent. of water, included at the request of dermatologists. It is really a cold cream without perfume, and should be stored in well-closed containers.

UNGUENTUM PARAFFINI.—The waxes are reduced from 30 per cent. to 10 per cent. of the total weight, and the soft paraffin is correspondingly increased. Consequently we get a much more uniform product and one likely to give satisfaction. It can be made with white or yellow soft paraffin. It is not as much softer as the big reduction in the waxes suggests, because the waxes in the old ointment were excessive and never properly blended with the soft paraffin.

UNGUENTUM PHENOLIS.—An improved ointment that does not discolour, separate, crystallise, nor allow the carbolic to sublime to the upper portion of the container.

Trade Notes

ARMOUR & CO., LTD., St. Martin's-le-Grand, London, E.C.1, announce that they are in a position to supply thyroid standardised according to the B.P. 1932.

PAINES & BYRNE, LTD., 31 Southampton Street, Fitzroy Square, London, W.1, elsewhere in this issue, address an open letter to their customers on the subject of Thyroid, B.P. 1932.

J. C. KING, LTD., 42 Goswell Road, London, E.C.1, have brought out some sets of cubist stands which should enable endless variety to be introduced into the method of displaying goods.

PRICE REDUCTION.—The Raleigh Cycle Co., Ltd., Nottingham, have reduced the price of their Low Gravity carrier cycle to the same level as their Standard carrier. Both of these machines are illustrated on another page.

SECCOTINE.—McCaw, Stevenson & Orr, Ltd., Belfast, ask us to remind chemists that the word Seccotine is the company's trade mark. Supplies of the latest display material relating to this well-known adhesive is obtainable on request from wholesalers.

CURICONES.—Stephen Matthews & Co., Ltd., 19 Farringdon Street, London, E.C.4, announce a reduction in the price of the large size package of Curicones. Particulars as to the exchanging of old stock will be found in the company's advertisement in this issue.

"THE ART OF RETAIL BUSINESS" is the title of an interesting and instructive brochure sent to us by Sumner's "Ty.phoo" Tea, Ltd., Ty.phoo Buildings, Bordesley Street, Birmingham. The brochure, which is printed in two colours, contains many practical hints to retailers and shows clearly the advantages of a Ty.phoo tea agency. A pocket on the inside cover contains a sample of Ty.phoo tea, an order form and a liberal supply of advertising matter.

TREATMENT OF MALARIA.—Chemopharm, Ltd., 58 Victoria Street, London, S.W., are offering a new product called Tebetren for the treatment of malaria. Tebetren, which is a combination of acridine and quinine derivatives with a derivative of cholic acid, has been the

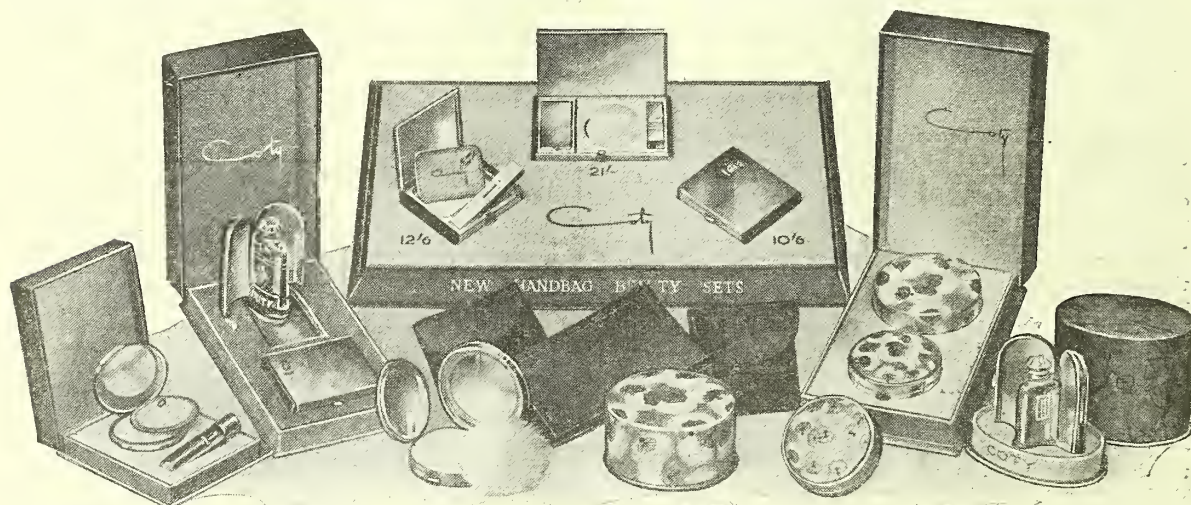
subject of good reports from many parts of the tropics. It is supplied for oral administration in tablets of 3 gr. each (bottles of 25, 100, 500); for parenteral use in ampoules containing 2.1 c.c. (boxes of 10 and 100). This preparation is manufactured for Messrs. Chemopharm by Howards & Sons, Ltd., Ilford.

THE illustration below is of the latest showcard to be issued by Meggeson & Co., Ltd., Bermondsey, London,



S.E. It is of exceptional artistic merit and should prove a valuable silent salesman.

AN ATTRACTIVE range of toilet articles is advertised in this issue by Charles Roger Laboratories, Ltd., 15 Great James Street, London, W.C.1. Taky, the depilatory in liquid and cream forms, is well-known to chemists, and other lines which should rival it in popularity are Mixa, a powder cream, Crème Siamoise for day and night use; Bakerfix a hair fixative; and Diamantol, a dentifrice. Some striking show material is available.



THE above illustration shows a range of gifts prepared for the approaching Christmas season by Coty (England), Ltd., Coty House, 3 Stratford Place, London, W.1. The centrepiece is a moiré silk counter stand upon which is mounted three De Luxe loose powder boxes of untarnishable platinum finish and lined with "ivory" composition. This stand is supplied with orders for six assorted models; a folding stand (not illustrated) is also supplied with similar orders. Messrs. Coty have prepared a wide range of very attractive coffrets, including the following:—32/D contains a new Coty compact with filigree design top and a Rubens lipstick; 099 Ter contains one bottle of perfume in a handbag container, enclosed in a Chinese design box; 32/C comprises one compact and one new loose powder container; 2L is a combination of a De Luxe loose powder box and one bottle of perfume in an untarnishable container for the handbag.

Marriages

CROOKES—HOLT.—At the Parish Church, Grantham, on September 22, Joseph William Crookes, chemist and druggist, to Gwendoline Fletcher Holt.

DICKSON—BICKERTON.—At Holy Trinity Church, Wolverhampton, on September 18, Robert C. M. Dickson, chemist and druggist, to Maude Evelyn Bickerton.

GARDNER—ESTCOURT.—On October 12, Frank Gardner, director of William Gardner & Sons (Gloucester), Ltd., Gloucester, to Margaret Estcourt, daughter of Mr. C. W. Estcourt, "The Croft," Barnwood Road.

PURCELL—O'NEILL.—At St. Mary's Church, Douglas, I.O.M., on October 10, Joseph Francis Purcell, M.P.S., to Elsa Clare O'Neill, of Onchan, I.O.M.

Silver Wedding

MARSDEN—HOLLAND.—At St. Mary's Church, Ilford, Essex, on October 7, 1907, George Henry Marsden (May & Baker, Ltd., London, S.W.11) to Gertrude May Holland.

Deaths

CAIN.—At Horsham, on September 28, Mr. John Cain, chemist and druggist, Southsea. Mr. Cain qualified in 1898.

COURTIN.—On October 6, Mr. L. E. Courtin, late a director of Courtin & Warner, Ltd., drug, chemical and essential oil merchants, 22 King Street, London, E.1, aged seventy-five. Mr. Courtin joined, in 1872, the firm of Domeier & Co., which became Courtin & Warner in 1915. Until his retirement in 1930 he had many friends on 'Change, and in trade circles in London, and made regular visits to the provinces. His son, Mr. Eric Courtin, became a manager when his father retired, and remains with the company.

CUTHBERT.—At Uddingston, on October 2, Mr. William Steven Cuthbert, chemist and druggist, 9 Cochran Street, Glasgow, aged fifty-four.

FISH.—At his residence, 65 Crowstone Road, Westcliff-on-Sea, on October 6, Mr. William Samuel Fish,



MR. W. S. FISH

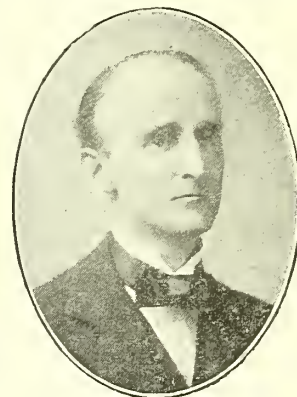
chemists' valuer, aged sixty-eight. Mr. Fish joined the firm of Berdoe & Fish, chemists' valuers and transfer agents, in 1877, and had been the proprietor for forty years, during which time, by his courtesy and integrity, he enjoyed the confidence and respect of the trade. Owing to failing health he retired in 1928, the business being continued by Messrs. Clarke Farthing and Hughes, who had been associated with him in the business for many years.

MORRIS.—At Briton Ferry, on September 22, Mr. Thomas Arthur Morris, chemist and druggist, aged twenty-seven.

KEPPIE.—In Kenya, East Africa, recently, Miss Margaret Elizabeth Keppie, chemist and druggist, aged thirty-one. Miss Keppie, who was trained in pharmacy in Leeds, had lately been appointed manager of the

Nakuru branch of Howse & McGeorge. She was found lying dead in a lonely road on October 8.

WATSON.—On September 6, Mr. David Mitchell Watson, L.P.S.I., 61 South Great George's Street, Dublin, a past-president of the Pharmaceutical Society of Ireland. Mr. Watson was apprenticed to the late Mr. R. Simpson, Ph.C., Henry Street, Dublin, and gained further experience with the late Mr. W. N. Allen and with William Hayes & Co. He passed the Licence examination in 1894, and acquired the business of Dr. Merrin in 1902, rebuilding the premises nine years later. Mr. Watson specialised in agricultural, horticultural and veterinary requirements, in which he built up a large connection with farmers and estate agents all over Ireland. He was elected to the Council of the Pharmaceutical Society in 1903, was vice-president in 1910-13 and president from 1913 to 1915, eventually resigning after twenty-three years' service. His expert knowledge of pharmacy law was of special value to Irish pharmacy when he gave evidence before the Government Committee appointed to consider the Bill which resulted in the passing of the Poisons and Pharmacy Act, 1908. Mr. Watson held office as president of the Dublin and Provincial Retail Drug Association, and served on the Council of the Proprietary Articles Trade Association. In addition to his keen and active interest in pharmaceutical affairs, Mr. Watson was a man of engaging personality and wide culture. His knowledge of contemporary literature and art was comprehensive, and was strengthened by periodic holiday visits to the Continent. His intellectual attainments and charm endeared him to pharmacists all over Great Britain and Ireland, and sincere sympathy will be extended to his widow and other members of his family. Tributes to his work were paid on October 11 at the Council meeting of the Pharmaceutical Society and at the annual meeting of the Dublin and Provincial Retail Drug Association.



MR. D. M. WATSON, L.P.S.I.

Personalities

MR. J. V. MAINPRIZE, chemist and druggist, Bridlington, and Mrs. Mainprize recently celebrated their golden wedding.

MR. T. W. ATTENBOROUGH, Ph.C., St. Helier, lectured recently on "Prehistoric Jersey," on which he is an authority, to local freemasons.

MR. JAMES E. HOUSEMAN, J.P., managing director of Bewells, Ltd., chemists, London, N., is mayor-elect of Shoreditch, of which borough council he has been a member since 1917. Mr. Houseman is a life governor of the City of London Lying-in Hospital and an ex-member of the London County Council Public Assistance Committee.

On October 3, at the Exchange Hotel, Liverpool, at a gathering of the Liverpool Rexall chemists, Mr. Woods (Ormskirk) in the chair, a pleasant ceremony was performed by Mr. Harold Lomax (secretary of the Lancashire Rexall Club), when a gold-mounted fountain pen and pencil set, in case, was presented, with a white and gold illuminated address, to Mr. Arthur M. Sullivan, upon his appointment to the board of directors of the United Drug Co., Ltd., Nottingham. Mr. Sullivan suitably replied.

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Information Department

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| F/510. Johnson's backache and kidney pills | | N/299. Thymol products (Thymol Laboratories) |
| H/1210. Palm Tree salts | Epsom | N/510. Ukem cubes (for scouring milk cans) |

THE CHEMIST AND DRUGGIST

VOL. CXVII. OCTOBER 15, 1932 NO. 2749

N.H.I. Negotiations and Clause 4 (4)

THE Ministry of Health in 1926 was anxious to make the drug fund solvent; and the chemists' representatives having accepted responsibility for the fund, the Ministry was willing to grant any reasonable conditions which were suggested by the chemists' representatives as being necessary to safeguard the fund and the chemists. As the result of the safeguards then instituted the drug fund is to-day not only solvent but shows a tendency to produce increasing surpluses, but this fact does not seem to be an adequate reason for relaxing any of those safeguards. A very small change in the general conditions can produce a very marked result in the total of the drug bills. In view of the smaller drug fund which the Ministry of Health proposes for next year, any change becomes doubly important. It is, therefore, a matter of extreme importance from every point of view that the Minister's expressed intention to annul Clause 4 (4) should be contested as strongly as possible. The wording of the clause is as follows:—

"A chemist shall not give, promise or offer to any person any gift or reward (whether by way of a share of, or dividend on the profits of the business, or by way of discount or rebate or otherwise) as an inducement to or in consideration of his presenting an order for drugs or appliances on a prescription form provided by the Committee."

The Minister of Health, in the published correspondence, says that the sole justification for the retention of the Clause must be in its value as what was called in the negotiations "a safeguard"; he goes on to say that any evidence of its value must be sought in the period before this prohibition existed. The Minister then points out that the material evidence was small, and could not be regarded as sufficient to justify the retention of the Clause as something which actually safeguards the stability of the drug fund. He also explains that it is no part of his duty to act as the guardian of the ethics of the pharmaceutical profession, or to protect chemists from what they regard as unfair competition by co-operative societies. The Minister does not apparently appreciate the fact that in a matter of this kind prevention is better than cure. In this way he disposes of one of the best Regulations ever made for securing to insured persons a satisfactory pharmaceutical service and the best possible standard of medicines. The Minister maintains that, by means of other Regulations which provide penalties in case of faulty service and unsatisfactory medicine, he can provide an efficient and adequate pharmaceutical service for insured persons.

A Strange Argument

It is interesting to note the argument also used by the Minister that he ought not to make a regulation of this kind because it is foreign to the general purpose of the Regulations, which is to secure a satisfactory pharmaceutical service for insured persons

within the financial limits available. It is amazing that a Minister of the Crown can be so shortsighted or so ill-advised. It would appear that, the drug fund now being solvent, the Minister finds himself in a different position from that which obtained in 1926, and argues that he can now face any financial or other risk that the cancellation of the Clause may involve. It seems likely that if the fund had still been hopelessly insolvent, little would have been heard about this Clause, in spite of pressure exerted by the Co-operative Parliamentary Party. The chemists are being penalised, therefore, because their enterprise of 1926 has proved successful. It would have been reasonable to suppose that a Minister, knowing the strong feelings of chemists on this matter and in view of the efforts they made to help the Ministry in 1926, would have been prepared to assist chemists to maintain a Regulation which has for its avowed object the prevention of bribery in connection with a public service and the maintenance of a high standard among those engaged in the service. However, the ingratitude of Governments and politicians is generally recognised, and it will be necessary to convince the Minister of Health that notwithstanding the penal clauses in the Medical Benefit Regulations, he cannot get a satisfactory pharmaceutical service without Clause 4 (4). At a call from the National Pharmaceutical Union the pharmaceutical service as it exists to-day can be wrecked on this issue; the unanimity of chemists on this matter is not surprising. The Minister has to get a satisfactory service, and this seems unlikely to materialise if the Clause is deleted. Chemists do not regard this Clause as a weapon with which to fight the co-operative societies, though efforts are being made in some quarters to make it appear that the chemists' attitude is entirely due to antagonism to the "co-ops." The Clause can be regarded as a protection to the chemists because it does safeguard the drug fund in certain circumstances.

A Vital Aspect

If there was nothing more to be said than this, it would be possible to argue that the Clause was a somewhat ponderous way of dealing with the matter. But a very vital aspect of the matter is what may be termed the "fair wages" effect of the Clause. It does insure absolute equality of remuneration as between one chemist and another, which would not be possible if a "blackleg" chemist was allowed to overcome the natural reluctance of the insured person by offering gifts. His competitors must either do the same, and be satisfied with less remuneration, or get off the panel list. The latter course would certainly be chosen by the better-class men who have been the mainstay of the N.H.I. service. The standard of service and quality of medicines must inevitably drop in such circumstances. The Minister may have Regulations which he thinks will give him control, but, within the four corners of the N.H.I. Regulations, it would be possible to give a service very much inferior to that in existence to-day. The Minister apparently does not realise how far the present high standard of his N.H.I. service depends upon the willing co-operation of the panel chemists, the Pharmaceutical Committees and the National Pharmaceutical Union. The most certain way to eliminate that willing co-operation is to reduce the N.H.I. service to the level of the gift-coupon schemes

for selling cigarettes. It seems incredible that a Minister of Health should contemplate such action and should shelter himself and his decision behind the weak defence that if the Clause was regarded as a "safeguard" at one time, it cannot be regarded as such to-day because the circumstances are different. The National Pharmaceutical Union maintains that there is no difference in the position to-day compared with that of 1926. The Union argues that a gamble on the drug fund was offered to it in 1926, and a condition on which the gamble was accepted was that every chemist should be in the same position under the contract. The offer of the Ministry for 1933 is still a gamble, and, though the position is not so desperate as it was in 1926, there is enough risk in this offer to justify chemists in saying they are entitled to ask for the same conditions under which they previously accepted the risk. The Minister seems to be of opinion that because there have been surpluses in the last few years, he can reduce the drug fund in amount, and, in addition, eliminate conditions which the chemists regard as essential. The conference of representatives from Pharmaceutical Committees made its attitude perfectly plain, and in attaching to its resolution a provision that the retention of the Clause be submitted to arbitration in the event of a deadlock, the Conference showed absolute confidence in the justice of its demand. It seems clear, from information we have received, that had it not been for the restraining influence of the platform, the Conference was in the mood for being violent about what it regarded as a definite betrayal by the Ministry of the chemists' general interest to that of the co-operative movement. It is reasonable to say that chemists as a body are entitled to expect that the personal standard of conduct which they regard as necessary in the interests of the calling as a whole should be observed by corporate bodies which enter the calling; in this connection it is worthy of notice that the various multiple-shop chemists are in absolute agreement as regards the desirability of this Clause. Such unanimity cannot be ignored by the Minister of Health, since his first duty is to secure the highest possible standard of service for insured persons, and it is clear that such a service cannot be obtained from a body of men whose wishes have been deliberately ignored and their standard of professional conduct flouted.

Dangerous Drugs Schedule of Exemptions

THE publication of the British Pharmacopœia, 1932, made it necessary to amend the Third Schedule of the Dangerous Drugs (Consolidation) Regulations, which provided for exemptions from the Regulations. The new list of exempted substances, published in our last week's issue (p. 433), came into being, on publication in "The London Gazette," as provisional rules. The Schedule provides for the continuance of the exemption of the old preparations omitted from the new B.P., and adds similar preparations from the 1932 volume. *Pulvis ipecacuanhæ et opii*, 1932, for instance, has the diluent changed from that of *pulvis ipecacuanhæ compositus*, 1914. It is pleasant to find at long last that dilutions of the exempted preparations with other medicaments will not in future vitiate the exemption of certain B.P. and B.P.C. galenicals. Whether the liniments, ointments and plasters of these books cover the

necessities of the situation is doubtful. The queerest thing of all is that *pulv. ipecac. co.*, B.P., 1914, or *pulv. ipecac. et opii*, B.P., 1932, may now be mixed with grey powder, acetylsalicylic acid, phenacetin, quinine and its salts or sodium bicarbonate in any proportions, without rendering the exemption void—but with no other medicament. Again, *linctus diamorphinæ camphoratus* cannot be mixed with another linctus without bringing it within the Regulations unless considerably diluted. Nothing could have been simpler than to exempt all mixtures of preparations which continued the efficacy of the denaturant so as to prevent the freeing of the "dangerous" drug. The lay bureaucratic mind will persistently conjure up "snags" where none exists. However, for this new sop to "Dora," with the incongruities reduced by about 50 per cent., we may perhaps find the long-suffering chemists suffused with gratitude towards a considerate Department.

Foreign Trade Samples

THE method of Customs at Mount Pleasant (Foreign and Colonial Post Department) in dealing with trade samples has recently caused irritation to traders and has to some extent interfered with the free flow of business. Every day some hundreds of *bona-fide* trade samples of no commercial value arrive by foreign post and a proportion of them are delivered to the firms in this country without delay or charges. Every now and again, however, these trade samples are tendered by the postman with an official notice that the contents are liable to import duty; that the duty has been assessed at, usually, sixpence or ninepence, which must be paid to the postman, together with a collection fee of sixpence. Quite recently a Mincing Lane firm was called upon to pay such amounts on two half-oz. trade samples of essential oils which sell on this market at about five shillings per lb. The same thing happens in the cases of samples of crude drugs. Inquiry in various quarters of the trade shows that a number of samples will come through without interference or penalty, to be followed by a demand for payment of duty and fine on the next day's delivery. There is reason for believing that the samples on which the penalties are imposed are held up and delivery delayed, and this is a much more serious matter than the question of payment of a small amount. The amount of duty that can properly be collected under the 10 per cent. duty of the Import Duties Act, 1932, on the nominal value of the average trade sample is, of course, very negligible; probably less than the smallest coin of the realm. We look upon the further charge of sixpence as something of an imposition. It is realised that some sort of check is necessary, such as is carried out at Mount Pleasant, to ensure that prohibited goods and merchandise of small dimensions and weight, but of high value, are not passed through as trade samples, but the imposition of a duty of an amount often in excess of the nominal value of the packet, *plus* a collection fee of sixpence, is hardly following out the undertaking of no unnecessary interference with trade given at the time the Import Duties Act was before Parliament.

A Suggestion

We suggest that all *bona-fide* trade samples of not more than eight ounces in weight and of no commercial value should be delivered without delay and free of duty, as is the custom in foreign countries, provided the outside wrappings of such samples are marked "Trade sample of no commercial value," together with the name and address of the sender, the name, net weight and nominal value of the contents, and the packet addressed to the firm in this country c/o Customs, Mount Pleasant. The issue of a general exemption order for such packets would be necessary, which, with regulations on the lines we have outlined, would, we believe, be helpful to the trade.

The "Extra Pharmacopœia" (20th Edition)

Dr. Martindale and the Editor Inspire a Galley or Two about It and the New —

THE EDITOR picked up the new neat and slim volume.

"How long, Dr. Martindale, have you been doing this? By the way, what do you think of the new —?"

"Thirty years—ten editions. My father, you know, wrote the first ten, from 1883. I came on the scene in 1902."

"You reckon time by editions? What I really meant was how long has this one taken?"

"It's like this. We have a drum (as they have in the draws at Dublin), and the moment an edition is out we start filling it with slips from reviews. Later on all sorts of criticisms get thrown in, till the time comes for the great event. Sometimes they're mere carplings like 'solubilities'—those are the blanks—things you're supposed to answer week by week in trade journals."

"M, yes. Now tell us the novelties—the book's thinner than last."

New Research

"Yes, slimming's in fashion! The idea was to produce a pocket book this time. Some of the slips from the drum concern months of experiments—they're the winning numbers—points likely to be useful to the trade. You'll find new work on finely divided bismuth and barium sulphate, ephedrine, ergot (some ideas of my own on its colorimetric assay), mercurochrome preservation, sodium morrhuate (to produce a golden yellow solution that won't deposit in cold weather). I'm specially keen on that colour assay. Why pay good money these days for an expensive apparatus wanted once in a blue moon? And of course all the sclerosing agents for varicose veins. Other likely slips concern this international unification question. We in Britain see few U.S.A. scripts, but with the facilities for rapid transit across the Channel it follows Europeans will become more 'tied up' year by year, whether we like it or not."

The Doctor was evidently getting into his stride, and the Editor badly wanted to know his views on the new —.

"I say, what do you think of the new —?"

Dr. Martindale had his own ideas. He went on.

"There are hundreds of international pharmaceutical matters that need rounding off. A young fellow came up to my place the other day about advertising. 'Young man,' I said, 'here's a Swiss script for kalium jodatum. What would you put in the bottle?' He felt for it: 'Ring up Martindale's for a supply of potassium iodate.' Then I asked him, 'What do the Germans mean when they speak of kalium jodicum?' He edged towards the door!"

"I say, Doctor, you seem still a bit hard on the pharmacologists, I see."

"Yes and no. I've spent many guineas on 'em, and obviously you can't launch a new synthetic without a pharmacological basis of the most 'eingehend' description. But there are limits to animal experiments. Jack Umney knew—I can see that broad bland smile stealing across his face over some pharmacological pitfall. Those were the early days, and now they tell me the poor little mice in the same town, but in different laboratories, respond diversely according to the diet chart!"

Dr. Martindale drew a long breath. "Every effort has, of course, been made in this edition to give the chemist, and through him the profession, the utmost value. It ought to be £27 ros. instead of 27s. 6d. All the chemicals and drugs that have attracted my attention since the last edition have been incorporated, not forgetting the organotherapeutics—liver, muscle, etc."

"The little red book-marker is a pretty conceit," the Editor remarked.

"Yes," replied the author, "better than tram tickets or bits of envelopes! It'll help the legal mind in Court to find the Synopsis of—I mean the Synopsis—or the D.D.A. Section."

"You have a synopsis then? We always like your beautiful descriptive leaflets."

"Yes? Thank you. A six-wheeler this time. Fact is I detailed a man to write up the book, and his effusion overran the four-page limit. You like the 'E.P.' design? Sphagnum—own growing. Everyone's to have a leaflet, not forgetting the lady chemists!"

"You seem to bubble over with your little jokes."

"My dear fellow, you'd bubble too, as a reversion to sanity, after night after night till midnight for months on end on this sort of thing! Personally, I had some hankering after a representation of the Moulin Rouge, with its red outline, in the left-hand top corner—to convey a type of convivial 'fraternité,' but the publisher vetoed the idea."

"We used to be told that anyone who has done well may celebrate well."

"Just so. You recall, as you mooch along La Place Blanche—Montmartre way—geography's a bit hazy now, the little mill in the middle distance (it's all spoilt to-day, they tell me—a wretched cinema), and the waiters in their white aprons standing outside for customers (assuming it's gone midnight), and all the dear little 'restaurants' each side (hundred francs for a peach or a sandwich)? Weird entrances—on opposite sides of the road, if I remember right—something like Hallam Street —"

The Two Famous Streets

"Pardon? Oh yes, near Harley Street, I know. One of our men used to go there every week."

"Yes, our wholesale entrance is in Hallam Street—on the left-hand side as you go due north. You can't miss 'em—I mean it."

"That reminds me"—the Editor seemed to be getting desperate—"have you seen the new Brit —?"

"Oh, that—well, really, though I say it, there's a lot of interesting new matter. Now take my preface running to twenty-one pages. All good chemists ought to read the preface."

"Why?"

"Beats your weekly leaders to a ravelling!"

"You're jolly conceited!"

"All authors are. But joking apart, there are matters in it that will appeal to the man dressing the window. I know how he feels about certain types of competition."

"But look here, Dr. Martindale, have you seen the new British Pharmacopœia?"

"Spent half an hour with it on July 13 or thereabouts, and once or twice since, and we got a few 'dehaloed' copies for the works last week. Rare lot of work, no mistake, and we poor chemists and authors have to use the book! Why so complex? Hill and Umney's book was all right—a model, to my mind. Why not let well alone? I am reminded of a dear old friend of mine, a nurse who's brought many babies into the world. Her sphere of activity is, or was, a very 'posh,' well-to-do suburb. She used to tell a tale like this:—

"You know they will go off their feed for no apparent reason every now and again. So up it (whether a 'he' or a 'she') would go to the specialist, and if one didn't find anything wrong you'd whizz round to a few more, until the baby got well by instinct, in spite of 'em. The specialist would look extra wise and prescribe a change of formula or diet—whatever might be most in the ascendant in the advertisement pages at the moment. Sometimes there would be a little private confab—the mother and the G.P. being left to admire the plate and the photos in the consulting room."

"Specialist: 'Look here, nurse, what is the matter with this baby?'"

"Nurse: 'Nothing!'"

"Specialist: 'Well, if you don't find something wrong with it soon you won't look after it much longer.'"

Pharmaceutical Society of Great Britain

Delegates' Meetings at Aberdeen

MEETINGS of delegates of the Pharmaceutical Society were held at Aberdeen on September 13 and 14, the president (Mr. F. Gladstone Hines) in the chair.

Tuesday, September 13

The PRESIDENT, after welcoming the delegates, said they would be well aware that the Council had introduced new regulations with regard to apprenticeship. So far as hospital and manufacturing laboratories were concerned the Council had already laid down conditions, but shops presented a more difficult problem. He welcomed Mr. F. W. Adams (assistant secretary), and asked him to address them on

The Supervision of Apprenticeship and Some Related Problems

[ABSTRACT]

IF I read the signs aright, two things are mainly responsible for the present interest among pharmacists generally in the conditions of apprenticeship. The first is the opportunity that control of those conditions offers to reduce the number of entrants to pharmacy with a view to improving its economic position. Apprenticeship is essentially an educational affair, and it seems unjustifiable to use it as an instrument to correct a trouble that is not due to an educational cause. The second is the impression that the newly qualified pharmacist is not so competent to practise his calling as he used to be, a condition of things that is attributed to faulty and insufficient apprenticeship training. The present-day apprentice is at a double disadvantage compared with his predecessor, since not only does he suffer from the changes in pharmaceutical practice so far as his apprenticeship is concerned, but formerly an apprentice who had been unfortunate in his master had more chance of supplying his deficiencies after apprenticeship by taking a position where good experience was to be gained.

Apprenticeship or some equivalent is a necessary part of vocational training. It can hardly be questioned that it should be regulated effectively. I doubt whether the school can counteract to any appreciable extent the effect of his apprenticeship upon the student's outlook. Most of its work is too remote from the realities of the shop, and there is not so close a contact with the teacher as with the master. I pass on to discuss what the conditions of apprenticeship should be. I do not propose to go into detail.

SIX MAIN PRINCIPLES

1. *General Environment.*—The pharmacy should be clean, arranged and conducted on systematic lines, well-lit and ventilated, kept at a suitable temperature and sufficiently spacious for smooth and efficient working.

2. *Nature of the Business.*—The normal business of the pharmacy should be such as to provide a reasonably wide experience of pharmaceutical practice. It could not be expected that every operation a pharmacist might be called on to perform would be met with in any particular shop, and also allowance should be made for varying types of businesses, a preponderance of work of one kind being allowed to offset to some extent a deficiency in another. Supplementary training exercises might be permitted to compensate to a certain limited extent for lack of normal work of a suitable kind. If there be any who believe that the salvation of pharmacy lies in the pharmacist making as far as possible every article he sells, I cannot be counted among their number. The test should be: can a better article be produced by large-scale methods of manufacture or by the pharmacist in the shop?

3. *Equipment.*—The pharmacy should have sufficient working facilities in the way of power, heat, water, bench

fittings, apparatus, drugs, chemicals, etc., to enable any reasonable call upon the pharmacist's services to be fulfilled quickly.

4. *Plan of Training.*—The apprentice should be instructed according to a definite plan covering as far as possible the whole of his training. There is neither need nor desirability for a rigid or uniform plan to be enforced.

5. *Literature.*—The pharmacy should possess an adequate library, which should be used.

6. *Number of Apprentices.*—There must obviously be a limit to the number of apprentices one pharmacist can train properly, but the difficulty about fixing a limit is that the number will vary according to the capability of the pharmacist and the conditions under which he is working, and that the maximum so often tends to become a minimum irrespective of the particular case. The limit laid down for hospital and manufacturing apprenticeship, i.e., not more than two for the first pharmacist and one for each additional pharmacist, is perhaps the most suitable, with possibly an extension to two for each additional pharmacist under the best conditions.

MEANS TO BE ADOPTED

I turn to the means to be adopted for applying the principles just set out. For some years the Society has required to be satisfied regarding the conditions under which practical training is received in hospitals. The problem of enforcement has been a much simpler matter than that presented by shop conditions. If the branches could manage the matter I should welcome its being handed over to them, but I have come to the conclusion that they are not suitable for the purpose. The first consideration is to secure uniformity in application of whatever scheme is adopted. It has proved of some difficulty to do this when one body only has been the enforcing authority. It would prove impossible to do so if the authority was in the hands of 119 bodies. Most of the branches lack the cohesion and continuity of personnel to make them efficient instruments for the purpose. The limited area in which the branch would exercise its authority would mean in practice that a pharmacist's competitors would be deciding how he should run his business; not only would this be bad in principle, but it would in all probability play havoc with the corporate pharmaceutical life of the district, if it did not completely destroy co-operation and render the branch system impossible. The last obstacle is that the branches have no existence in law and consequently no authority. These objections point to the Council as the proper authority for supervising apprenticeship. If it meant setting up a special inspectorate a serious difficulty would arise, as a pretty heavy fee would have to be charged from all approved shops. Fortunately such a contingency need not be considered, as on the assumption that the Pharmacy and Poisons Bill will become law in the near future an inspectorate will be already available. Its members will be pharmacists, and their duties will blend very well with the task of supervising apprenticeship.

Nothing is easier than to say what conditions ought to be observed, yet in practice it is difficult to decide whether or not they are observed unless they are of the simplest kind. One thing in particular must be avoided, and that is such interference as might cause good masters to abandon the taking of apprentices. What is going to happen to those businesses that will be debarred from taking apprentices for the purpose of qualification?

Some months ago I investigated the distribution of apprentices in different parts of the country in proportion to the number of pharmacists in the same area. The number of apprentices in the London area is relatively very small. I thought it would be helpful to know whether the services rendered in other parts of the

country by apprentices were being supplied by young people of a similar age engaged as unofficial apprentices or simply as assistants. There was no evidence that such young people were being employed to any material extent. I think this investigation is sufficient to show that the danger of increasing drug-store competition may be much less real than it might appear at first sight. We ought to think seriously before allowing any possible reaction in this direction to stand in the way of adopting measures for the reform of apprenticeship. I have one more subject to discuss—the training for the Preliminary Scientific examination. All considerations of sound educational policy indicate the desirability of the Preliminary Scientific examination being passed before apprenticeship, but all I am concerned with now are the conditions under which the training is received during apprenticeship. Most of the courses available are held in the evening, and experience has shown that these are not satisfactory. The remedy is to have part-time day courses as far as possible and a more active interest by the branches. In some districts such courses are not practicable, but there are a large number in which they could be arranged and would be welcomed by the schools concerned.

Discussion

The PRESIDENT said they must congratulate Mr. Adams on his courage in presenting a purely personal paper. He (the president) was a keen believer in the value of a regulated training. They were faced to-day—not so much on this side of the water—with mass production and all the mechanised forms of industry, and that was what might be before pharmacy unless they were prepared to agree to some form of regulated training.

Mr. R. ROBINSON (Cardiff) said that in Cardiff they felt very much in agreement with the remarks made by Mr. Adams. They wished to suggest that the limitation of apprentices should be one to each pharmacist, because they did not see that a man could give proper attention to two. The entrance examination should be of Matriculation standard. Apprenticeship should be extended to three years. Prior to the final passage of the new educational policy the whole matter should be referred back to the branches for discussion locally.

Mr. H. M. HIRST (Scarborough) said he had the dubious privilege for the last sixteen years of doing nothing else but train apprentices. It was necessary for inspectors of areas to be appointed. With regard to day and evening classes, masters should pay the difference between the fees. There was another point with regard to apprenticeship when the master died. He knew at present of an apprentice who had had three masters in three months, three changes of managers.

Mr. KNOX-MAWER (Wrexham) thought the Society made a bad mistake when they reduced the number of years to two. It was nearly impossible to turn out a good man in two years. Another difficulty was that of the town chemists. It was so easy to send round to the nearest drug house to get suppositories made. He suggested that the proper place to train apprentices was in the country.

Miss C. K. LYNCH (Hastings) said she had been asked to make the following suggestions. There should be one apprentice to each shop unless it was a very large concern. No fees should be demanded and no salary paid. There should be inspection, though this might not be of very real value, for the type of instruction given depended on the personality of the master and not the equipment.

Mr. W. J. HALLETT (Bath) suggested that if they were going to have day classes for two- or three-year apprentices it would reduce the shop time far too much. He thought a four-years' apprenticeship should be compulsory. He did not agree that one apprentice to one pharmacist was sufficient. If two could be obtained he thought that was much to be preferred.

Mr. P. DOBSON (Leeds) said that at a general meeting quite recently a definite scheme for the selection, placing and training of apprentices had been approved by the Leeds Branch [*C. & D.*, September 10, p. 285].

Miss M. BOLTON (Hull) said that for the last five years

they had had day classes in Hull three afternoons a week. She thought apprentices were much happier two in a shop. There was someone to work with and to sympathise with. If Part I was passed at school three years' apprenticeship was adequate, but otherwise it should be four years.

Mr. R. RANDALL ROBERTS (Chester) said that the two chief points in the paper were the character of the pharmacist and the equipment of the pharmacy. He put character first. He had had over thirty-six years' training of apprentices. From the first he insisted on a four-years' apprenticeship. It was impossible to turn out a man to be of any use in less time.

Mr. J. H. GOUGH (Leeds) said that co-ordination with the local education authority was in their opinion in Leeds a very necessary adjunct to the scheme of training. He disagreed with the idea of having two apprentices, at least for the whole time.

Mr. J. REED (West Ham) said his chief quarrel with any scheme of apprenticeship was that the Council laid down regulations, but they did not take the further step and say to the other man that he should not do so-and-so. In his own area he could show them quite a dozen young people who had passed no preliminary examination and had no indentures, and the natural thing was that they would never qualify.

Mr. J. CROWE (Sheffield) referred to the unemployment question. A tremendous number of qualified and unqualified wanted jobs because of the fact that there were two apprentices and one qualified man in a shop.

Mr. J. W. M. SMITH (Glasgow) suggested that the Preliminary Scientific examination should be made compulsory before apprenticeship, not optional. Classes during apprenticeship were quite impossible in very extensive areas. Some of the very best pharmacists he had met came from the North of Scotland, where they could not attend classes during apprenticeship at all. If an apprentice had passed the Preliminary Scientific examination he would be going fairly well on towards taking the qualification, and there would be very few that would not go all the way after that.

Mr. P. M. DUFF (Glasgow) said it was an utter impossibility for an apprentice to have 4,000 hours' compounding and dispensing spread over a period of two years. Shops invariably were only open for about 2,050 hours in a particular year, working hours, so that if an apprentice was doing nothing else but compounding and dispensing in the two years he would have learned nothing else but that branch of the business. Apprenticeship should be for not less than four years.

Mr. J. F. McNEAL (Harrow) felt that if the chemist was going to train his apprentice in an efficient manner he could not do it under four years. In restricting the number of apprentices to each chemist they were on very difficult ground.

Mr. K. E. N. WILLIAMS (Southampton) said he considered day classes essential. It was not fair to expect the apprentice to do good work in the evening. If day classes were taken during apprenticeship, four years should be the minimum. He would suggest Part I before apprenticeship and then three years.

Mr. H. N. LINSTEAD (secretary of the Society) thanked Mr. Adams for the work he had put into the paper. He would like to refer, first, to the question of the length of apprenticeship. He knew the majority of them wanted three or four years, and the majority of them would be able from the apprentice's point of view to make good use of his four years. But they had a duty to those apprentices going into shops where the master did not intend to train his apprentice and was only going to use him as an adjunct to his business. There were shops where it would be decidedly unfair to place a boy for four years, and he thought four years must go hand in hand with approval of shops. The second point was that they wanted to get into pharmacy the right type of people for the future, and he wondered whether masters always realised that that was in their hands. A big responsibility was thrown upon a man who was choosing an apprentice.

Mr. J. LANCASTER (Leeds) said one point was rather lost sight of in regard to the Leeds scheme. It was rather forced on them, because, when they were trying

to work in combination with the education authority, a duty was forced on the Branch that these apprentices should have somebody behind them to see that they got a fair deal. They had threshed out the many points raised by Mr. Adams. He thought it was a mistake in printing a syllabus to mention hours.

Mr. J. R. MILNE (Dundee) said they often found that boys who had served a regular apprenticeship showed evidence of very imperfect training even after apprenticeship. He thought this was the fault of the employer. He (the speaker) always suggested four years as a minimum for apprenticeship. The only exception he would make was the boy who had passed the Preliminary Scientific examination. He was in favour of two apprentices, but did not think they should begin at the same time.

Mr. F. W. ADAMS, in reply, thanked the meeting for the reception of his paper. There seemed to have been two main points in the discussion, the restriction of the number of apprentices and the length of apprenticeship. He thought both those points had been over-emphasised. If the conditions in the shop were right, they could leave it to the master to decide how many apprentices he was going to take and the length of time. Voluntary schemes did not cover the matter entirely. Did they include every shop in the area, and were they faithfully carried out?

The PRESIDENT, in closing the session, extended the thanks of the Conference to Mr. Adams. He would like to congratulate them on the very businesslike discussion.

(To be concluded.)

Examination Results

The following are the results of the examinations held in London during October:—

—	No.	PRELIMINARY SCIENTIFIC				CHEMIST AND DRUGGIST QUALIFYING			
		Absent	Failed	Referred	Passed	Absent	Failed	Referred	Passed
Entered for Prelim. Sc. exam. ...	159	9	87	38	25	—	—	—	—
Referred subject in Prelim. Sc. exam. ...	100	—	—	47	53	—	—	—	—
Entered for C. and D. exam.	157	—	—	—	—	9	72	37	39
Referred subject in C. and D. exam. ...	122	—	—	—	—	—	—	19	103
	538	9	87	85	78	9	72	56	142

Referred in one subject:—Botany, 59; chemistry, 10; physics, 16; pharmacognosy, 11; pharmacy, 29; pharmaceutical chemistry, 14; forensic pharmacy, 2; total, 141.

Failed in:—Botany, 77; chemistry, 60; physics, 77; pharmacognosy, 56; pharmacy, 58; pharmaceutical chemistry, 58; forensic pharmacy, 28.

CHEMIST AND DRUGGIST QUALIFYING EXAMINATION

The following having satisfied the examiners in this examination, have been registered as chemists and druggists:—

Acton, W. R., Accrington	Bernthal, R. R., Clapham
Altshul, L., Birmingham	Bird, M., Walsall
Atkinson, W. G., Kinver	Blick, H. C. H., Cardiff
Auld, H., Manchester	Boyce, E. E., Beccles
Barnard, H. A., Cinderford	Brocklehurst, J., Newark
Barrett, Catherine T. S., Penrhwiwceiber	Brunt, E. V., Stockport
Barrett, E., Gt. Chesterford	Burnett, R. L. G., Newport
Barton, Jessie K., Harlesden	Cant, J. E., New Southgate
	Caswell, W. C., Birkenhead

Chaplin, H. B., Canterbury	Manfield, W. G., Brighton
Cooper, E. D., Llanelly	Middleton, H. E., Dukinfield
Crossley, N. I. S., Stockport	Miller, Catherine M., Glas-tonbury
Dalziel, C., Salford	Miller, W. J. F., Devonport
Daniel, C., Llanelly	Mitchell, J. F., Sheffield
Davies, E. T., Barry Dock	Morris, R. A., Rochester
Davies, Esther E., Swansea	Mounsey, J. F., Morecambe
Davis, G. E., Maidstone	Musson, P. A., Grantham
Denny, L. W., Gorleston	Neal, R. H., Conway
Dickins, Beatrice M., Cowfold	Neathercoat, W. P., Cricklewood
Dinwiddie, J. A., Bolton	Nutter, E., Nelson
Dobb, E., Ashton-in-Makerfield	Packer, F. J., Devonport
Down, J., Brighton	Pears, H. G., Leyton
Drysdale, J. R., Rochdale	Pearson, R. C., Grimsby
Etherington, J., Rochdale	Perry, E. P., Blackley
Evans, D. S., Shrewsbury	Phillips, W. E., Carmarthen
Farrar, J. E., Skegness	Phipps, P., Cardiff
Feakes, R. A. W., Kentford	Pidgeon, W., Nelson
Firth, J. F., Carlisle	Plant, Edna L., Clydach
Fisher-Greene, H. H., Rugby	Reeson, L., Sidcup
Foster, J., Burton-on-Trent	Reid, Christina C., Forres
French, H. P., Edenbridge	Richards, Grace M., Nottingham
Garrett, A. G. A., Cardiff	Richards, K. V. L., Pontypridd
Gibbs, C. C., Gravesend	Rhodes, C. W., Kilburn
Gibbs, Flora H., Bath	Richardson, J. N., South Hackney
Godden, S. W., High Wycombe	Roberts, F. L., Coventry
Good, J. S., Bristol	Robinson, N., Colne
Goldblum, P., Pretoria	Rogers, Phyllis E., Bath
Greaves, D. A., S. Hackney	Rooke, R. C., Redruth
Greenberg, G. G., Grimsby	Rossiter, A. E., Parkstone
Griffiths, P. F., Southsea	Rubens, Ettie, Ammanford
Grimshaw, A. E., Farsley	Rubenstein, S., Swansea
Hallgarth, S. R., Nottingham	Sales, K. S., Streatham
Harryman, G. O., Rochester	Salt, G. H., Hanley
Hatfield, H., Leigh	Sandler, R., Salford
Hatley, E. C., Hampton Poyle	Sheldon, G., Clitheroe
Heard, C. H., Bristol	Shenton, J. C., Blackpool
Heyes, R., Leyland	Shipp, S. W., Bath
Hicks, C. C., Highbridge	Simpson, C. J., Littleton
Hill, E. V., Pontypridd	Singleton, A. B., Oxford
Hooper, S. F., Abbey Wood	Smith, Margaret M. J., Birkenhead
Howard, W. S., Hyde	Spencer, Agnes, Keighley
Hull, D., Walsall	Stoffer, C. R., Witham
Hurst, J. H., Westthoughton	Stonebridge, E. H., Southsea
Hutton, R., Esh Winning	Stout, Margaret M., Manchester
John, G., Swansea	Summerfield, W. L., Leicester
Jones, H., Peterborough	Tatlow, S., Sheffield
Jones, H., Liverpool	Taylor, J. H., Rochdale
Jones, W. P., Conway	Taylor, M., Hull
Keenlyside, C. M., Shrewsbury	Thelwell, H. R., Driffield
Lake, S., Exeter	Thomas, H. C. B., Bristol
Lang, Barbara E., Lowestoft	Thomas, I., Farnedale
Larkum, H., New Mills	Towler, H., Colne
Lawrance, K. E., Sawbridgeworth	Turner, J. B., Clayton-le-Moors
Linnington, G. L. R. K., Swanage	Walton, D. R., Birmingham
Lockett, W. N., Weston-super-Mare	Warlow, Phyllis M., Hull
Lord, L. W., Leicester	Warnes, J. H., Grimsby
Lowes, J., Macclesfield	Weiss, F. K. G., Tottenham
Luck, E. T., Ryde	Wilkes, F. A., Birmingham
Lyons, D., Manchester	Williams, I. J., Swansea
McDevitt, H., Middleton	Williams, K., Liverpool
Maidment, A., Cardiff	Winsor, F. J. W., Clevedon
	Woodland, A., Sheffield

Trade Report

Where possible scales of prices of chemicals are given for bulk down to small quantities. Prices recorded for crude drugs, essential and fixed oils and coal tar products are for fair sized wholesale quantities. Qualities of chemicals, drugs, essential and fixed oils, etc., vary, and selected brands or grades would be at higher values

28 Essex Street, W.C.2, October 13

IN the main, business has been moderately good, but most orders are restricted in size. The general tone keeps very steady, and the low value of sterling is strengthening the position. In the pharmaceutical chemicals market the chief item of interest is the substantial reduction made in prices of iodides. Other products in this market are about steady, except that price-cutting is noted here and there. Crude drugs are generally keeping up the recent better tone, and business is moving along nicely on limited lines. Buchu continues a firm market with good inquiry. Japanese camphor has been dull. Cascara sagrada is very firm, and may be dearer before many weeks have gone by. Honey is well held at former rates; supplies are limited and business is good. Ipecacuanha, which shows a good recovery on the past month, may advance again. Menthol has had a better week, and spot and shipment prices are dearer and steadier. Sarsaparilla remains dull. Alexandrian and Tinnevely senna pods are selling well, and the recent advances are well maintained. Shellac has been dull and is easier. In essential oils business has been fairly good, and some products continue firm owing to shortage. Ceylon citronella is again slightly dearer, and the Java product is firm. Brazilian bois de rose, in the absence of Cayenne, shows a further appreciation. Lemon-grass is up a point or two, and in limited supply. New crop lavender has been of interest, with prices varying as to brand. Japanese peppermint has had a good week, and is steadier at better figures; the American oil is a shade easier. Isolated cheap offers of geranium appear to be disturbing the market. Fixed oils have experienced a poor week, and the majority of products are quoted rather easier. Linseed (raw, naked) is rather cheaper, and palm oils are dull. In coal-tar products bulk quantities of carboic acid crystals are sold well ahead, and the market is firm. Pitch is also active on a short and firm market.

Exchange Rates on London

THE following is a list of the chief Continental and other exchange rates at the opening on Thursday morning:—

Centre	Quoted	Par	October 13	Value of the £
Amsterdam ..	Fl. to £	12.107	8.56	14/1½
Berlin ..	Mks. to £	20.43	14.48½	14/2½
Brussels ..	Belga to £	35	24.77½	14/1½
Copenhagen ..	Kr. to £	18.159	19.2½	21/2½
Lisbon ..	Esc. to £	110	110	20/0
Madrid ..	Ptas. to £	25.22½	42½	33/2½
Milan ..	Lire to £	92.46	67½	14/4½
Montreal ..	Dol. to £	4.86½	3.78½	15/6½
New York ..	Dol. to £	4.86½	3.44½	14/1½
Oslo ..	Kr. to £	18.159	19.85	21/10½
Paris ..	Fr. to £	124.21	87½	14/1½
Prague ..	Kr. to £	164.25	116½	15/0½
Stockholm ..	Kr. to £	18.159	19½	21/5½
Warsaw ..	Zloty to £	43.38	31	14/3½
Zurich ..	Fr. to £	25.2215	17.82½	14/1½

Bank rate 2 per cent

Pharmaceutical Chemicals, etc.

A RATHER quieter week of business is reported, but the general tone is well maintained. The chief alteration in values is a big reduction in iodides. Price cutting is in evidence on spot in one or two products, particularly in phenacetin.

ACETANILID.—The market is quiet; quoted prices unchanged: B.P. crystals and powder, 1s. 5½d. to 1s. 8d. per lb., as to quantity.

AMIDOL.—Business is in small lots only; market steady: 56 lb., 7s. 3d.; 28 lb., 7s. 6d.; 14 lb., 7s. 11d. per lb., in 7-lb. tins.

AMIDOPYRIN.—Prices for material to arrive are dearer than spot; market rather dull: spot, crystals, two cwt., 18s. 2d.; less than two cwt., 18s. 9d. per lb., with powder 2d. per lb. extra.

ASPIRIN.—Business continues on a fairly satisfactory scale with makers' and dealers' prices steady. Home trade: ten cwt., 2s. 7d.; five cwt., 2s. 8d.; one cwt., 2s. 8½d.; 28 lb., 2s. 9d.; 14 lb., 2s. 10d.; 7 lb., 3s. per lb. Export to Colonies and British Possessions: ten cwt., 2s. 7d.; five cwt., 2s. 8d.; one cwt., 2s. 8½d. per lb. f.o.b.; less than one cwt., 2s. 9d. per lb., ex works.

AMMONIUM ICHTHOSULPHONATE.—Business is limited, with the market steady: one cwt., 1s. 6d. in 14-lb. tins; 1s. 7d. in 1-lb. tins; 1s. 9d. in 8-oz. tins; and 1s. 11d. per lb. in 4-oz. tins.

BARBITONE.—Spot prices are rather dearer, and forward would cost still more: spot, one cwt., 11s.; 56 lb., 11s. 3d.; 14 lb., 11s. 6d.; smaller parcels, 12s. per lb.

BENZOIC ACID.—The demand is fair; market steady. Quantities, ex works, 1s. 9½d.; spot parcels, 1s. 10d. to 2s. 1d. per lb., as to quantity.

BROMIDES.—Makers' and dealers' prices are steady; business has been rather better of late: ammonium, not less than five cwt., 1s. 9d.; one cwt., 1s. 10d.; smaller quantities, 2s. 1d. per lb.; potassium, B.P. crystals and granular, not less than five cwt., 1s. 6d.; one cwt., 1s. 7d.; smaller quantities, 1s. 10d. per lb.; sodium, B.P., not less than five cwt., 1s. 8d.; one cwt., 1s. 9d.; smaller quantities, 2s. per lb. net, without engagement. Special prices for larger quantities.

BUTYL CHLORAL HYDRATE remains rather quiet, with prices unaltered: spot, 14 lb., 8s.; 7 lb., 8s. 3d.; 1 lb., 8s. 6d. per lb. in 1-lb. bottles.

CAFFEINE is still a keenly competitive market, with not very much business moving: pure alkaloid, 5s. 6d. to 6s. per lb.; citrate, 4s. 4d. to 4s. 9d. per lb., as to quantity.

CALCIUM LACTATE meets with a moderate inquiry; isolated offers are keen: spot, one cwt., 1s. 1½d.; 56 lb., 1s. 2½d.; 28 lb., 1s. 3½d.; smaller parcels, up to 1s. 6d. per lb.

CHLORAL HYDRATE is steady as quoted by makers; business fair: duty-paid crystals, in 14-lb. free containers, five cwt., 3s. 4d.; one cwt., 3s. 5d.; 56 lb., 3s. 6d.; 28 lb., 3s. 7d.; 14 lb., 3s. 8d. per lb.; 28-lb. jars, one penny per lb. extra.

CITRATES.—Home makers quote unchanged prices as follows:—

	Under 4 lbs.	4 lbs. and under 7 lbs.	7 lbs. and under 14 lbs.	14 lbs. and under 28 lbs.
Ferri et ammon. cit., B.P. (brown) ..	s. d. 2 5	s. d. 2 3	s. d. 2 1	s. d. 1 11
Potass. citras. B.P. ..	2 3	2 1	1 11	1 9
Sodii citras. B.P.C., 1911..	2 0	1 10	1 8	1 6
" " B.P.C., 1923..	2 4	2 2	2 0	1 10

28 lb., 3d. per lb. less. Special prices for quantity.

CITRIC ACID (B.P. CRYSTALS).—Makers continue to quote nominally and without engagement for home trade at 10½d. per lb., less 5 per cent. discount. Merchants are quoting at very keen prices, and the market seems to be weak.

COCAINE.—Makers' prices for home trade are steady: hydrochloride, 25 oz., 20s. 11d.; 16 oz., 21s. 7d., and less 22s. 3d. per oz.; pure, 25 oz., 22s. 1d.; 16 oz., 23s. 8d.; less than 16 oz., 24s. 4d. per oz.; 1-oz. tins, 2½d. per oz. extra. Export prices vary according to destination.

CREAM OF TARTAR.—Makers' quoted price for 99 to 100 per cent. material is unchanged at 85s. per cwt., less 2½ per cent. discount. Dealers are quoting at about the same figure.

CREOSOTE (B.P.).—Quantities in 25-kilo demijohns are quoted at about 2s. 1½d. to 2s. 2½d. per lb.; smaller parcels, up to 2s. 4d. per lb. Market is quiet.

GUALACOL CARBONATE is about steady as quoted by dealers, but business is not of much account: spot, one cwt., 8s.; 56 lb., 8s. 1d.; 28 lb., 8s. 3d.; smaller parcels, up to 8s. 6d. per lb.

HEXAMINE seems to meet with a very fair inquiry, and there is keen competition for any big orders: Free running crystals, spot, ten cwt., 2s. 2½d.; two cwt., 2s. 3d.; one cwt., 2s. 3½d.; smaller quantities, up to 2s. 6d. per lb. Forward prices on a gold basis are unchanged.

HYDROQUINONE.—The market is quoted at the agreed prices; business is not of much account: ten cwt., 4s. 8½d.; five cwt., 4s. 9½d.; two cwt., 4s. 10½d.; one cwt., 4s. 10¾d.; 56 lb., 4s. 11¾d.; 28 lb., 5s. 1¾d.; 14 lb., 5s. 3½d.; 7 lb., 5s. 5½d. per lb., carriage paid.

IODIDES.—A big reduction in prices is recorded this week. Potassium iodide, B.P.: for not less than 1 cwt., 13s.; 28 lb., 13s. 3d.; 14 lb., 13s. 6d.; 7 lb., 15s.; 4 lb., 15s. 3d.; smaller quantities, 15s. 6d. per lb. Sodium iodide, B.P.: for not less than 28 lb., 14s.; 14 lb., 14s. 6d.; 7 lb., 16s. 5d.; 4 lb., 16s. 9d.; smaller quantities, 17s. 1d. per lb. Iodine resub., B.P.: for not less than 1 cwt., 14s. 8d.; 23 lb., 14s. 11d.; 14 lb., 15s. 5d.; 7 lb., 16s. 7d.; 4 lb., 17s. 5d.; smaller quantities, 18s. 9d. per lb. Iodoform B.P. cryst., precip. or powder: for not less than 28 lb., 17s. 7d.; 14 lb., 18s. 1d.; 7 lb., 20s. 8d.; 4 lb., 21s. 2d.; smaller quantities, 21s. 7d. per lb. Orders or contracts of not less than 1 cwt. (which may be taken assorted), containers of 23 lb. and outer packages are free. Carriage paid. Quoted without engagement. Contracts for 1 cwt., 5 cwt., 10 cwt., or larger quantities, for delivery as required during a period of four months, with rebates applicable to the quantity booked. As the price for iodine is based on the gold dollar, the prices for iodides must necessarily be subject to rise and fall conditions, and accordingly contracts carry the following clause:—

"The prices of the foregoing contracts are subject to a rise and fall clause, the price applicable to any given delivery being that in force on the date of receipt of the order, or on the date of dispatch, whichever may be the lower." Rebates are unchanged, according to the quantity booked.

LACTIC ACID (B.P.).—Business is only moderate and the market rather competitive: quantities in carboys, 1s. 5d. to 1s. 6d.; in demijohns, about 1s. 7d.; in winchesters, 1s. 8½d. to 1s. 9d. per lb., as to quantity.

METHYL SALICYLATE (B.P.).—Business continues on a fair scale with makers' and dealers' prices level: one ton and over, 1s. 4½d.; ten cwt., 1s. 5d.; five cwt., 1s. 5½d.; one cwt., 1s. 6d.; less than one cwt., 1s. 6½d.; smaller quantities in bottles, up to 2s. per lb.

METHYL SULPHONAL is fully steady as quoted by dealers; business limited: spot, two cwt., 19s. 3d.; one cwt., 19s. 9d.; 56 lb., 20s. 3d.; small parcels, 21s. per lb.

METOL.—The market is rather dull, with quoted values unchanged: 56 lb., 9s. 3d.; 28 lb., 9s. 6d.; 14 lb., 9s. 9d.; 7 lb., 10s. 9d. per lb. in tins, bottles extra. Wholesale distributors' prices for smaller quantities at higher prices.

MILK SUGAR is moving fairly well, with Continental at keen prices: one ton, 50s. 6d.; ten cwt., 51s. 6d.; two cwt., 52s. 6d. per cwt. in two-cwt. cases.

PARAFORMALDEHYDE.—The market is about unchanged; business limited: 100 per cent. powder, quantities in kegs, 1s. 2d.; smaller parcels, up to 1s. 7d. per lb. as to quantity.

PARALDEHYDE.—The demand is rather slow; market about steady: bulk quantities in carboys, 1s. to 1s. 1d.; small lots in winchesters, 1s. 4d. to 1s. 6d. per lb.

PHENACETIN.—The competition on spot for a slow business continues very keen; forward is dearer: spot, crystals, ten cwt., 5s. 2d.; five cwt., 5s. 4d.; two cwt., 5s. 5d.; and less, 6s. per lb., with powder 2d. per lb. extra.

PHENAZONE meets with a limited business and quoted prices are being maintained, although isolated offers may be slightly cheaper: spot, crystals, ten cwt., 9s. 7½d.; five cwt., 9s. 10d.; two cwt., 10s.; and less, 10s. 6d. per lb., with powder 2d. per lb. extra.

PHENOLPHTHALEIN is now quite steady as quoted at the agreed prices: five cwt. and over, 3s. 10d.; two cwt., 3s. 11d.; one cwt., 4s.; 28 lb., 4s. 3d.; 14 lb., 4s. 6d.; 7 lb., 4s. 9d. per lb.; small lots, 5s. per lb.

PHENYL ETHYL BARBITURIC.—The market continues at the reductions notified last week, with outside competition: one cwt., 38s. 6d.; 56 lb., 38s. 6d.; 28 lb., 41s.; less, 42s. 6d. per lb. in 2-lb. bottles, carriage paid; small quantities in smaller packing at higher prices.

POTASSIUM PERMANGANATE (B.P.).—Importers' prices are steadily maintained and business is fair: quantities in two-cwt. drums, 8½d. to 9½d.; druggists' parcels, 9½d. to 10d. per lb.

POTASSIUM SULPHOGUAIACOLATE.—The spot market is irregular, with the price for small lots from 4s. 9d. to 5s. per lb.

QUININE SULPHATE.—The Convention price is unaltered at 2s. 4d. per oz., carriage paid in bulk quantities.

RESORCIN.—Business is moderately good and the market is steady: crystals, one cwt., 4s. 6d.; 56 lb., 4s. 7d.; 28 lb., 4s. 8d.; 14 lb., 4s. 10d.; 7 lb., 5s.; less than 7 lb., 5s. 6d. per lb., with powder 3d. per lb. extra.

SALICYLIC ACID (B.P.).—Makers' scale of prices for home trade is firm: one ton, 1s. 5d.; ten cwt., 1s. 5½d.; five cwt., 1s. 6d.; one cwt., 1s. 6½d.; small parcels, up to 2s. per lb.

SALOL.—The fixed prices are maintained, with a limited business moving: crystals, two cwt., 5s. 2½d.; one cwt., 5s. 4½d.; 56 lb., 5s. 6d.; smaller parcels, 5s. 7½d. per lb.; powder, 2d. per lb. extra.

SANTONIN.—Competition is the feature of the market, with the home maker meeting the position: quantities at about £28 per kilo.

SODIUM BENZOATE (B.P.).—The market is steady and business is fairly satisfactory: bulk quantities, 1s. 6½d.; cwt. lots, 1s. 7½d.; smaller parcels, up to 2s. per lb.

SODIUM DIETHYLBARBITURATE.—Dealers' prices are steady, but business is very limited: spot, one cwt., 12s. 9d.; 55 lb., 12s. 10d.; 28 lb., 13s.; 14 lb., 13s. 2d.; 7 lb., 13s. 3d.; smaller parcels, up to 13s. 9d. per lb.

SODIUM SALICYLATE (B.P.).—Home makers' and dealers' prices are steady and business continues quite good. Home trade: powder, two tons, 1s. 10d.; one ton, 1s. 10½d.; ten cwt., 1s. 11d.; five cwt., 1s. 11½d.; one cwt., 2s.; 28 lb., 2s. 1d.; 14 lb., 2s. 3d. per lb., with crystals 1d. per lb. extra.

SULPHONAL.—Dealers' prices are steady, but business is limited to small orders: crystals, two cwt., 15s. 7d.; one cwt., 16s.; 56 lb., 16s. 3d.; small parcels, up to 17s. per lb., with powder 2d. per lb. extra.

TARTARIC ACID (B.P. CRYSTALS).—The market is rather weak. Makers' quoted price for home trade remains at 10½d. per lb., less 5 per cent. discount, nominal and without engagement. Dealers are offering at very keen prices.

THEOBROMINE.—The market is irregular on quotation, with some cheap sellers: pure alkaloid, 5s. 3d. to 5s. 6d.; sodium salicylate, 5s. to 5s. 4d. per lb. as to quantity.

THYMOL.—Quoted prices for synthetic material are cheaper; market is quiet: synthetic, fine white, one cwt., 5s. 9d.; 56 lb., 5s. 10½d.; 28 lb., 6s.; 14 lb., 6s. 1½d.; ex ajowan seed, one cwt., 7s. 6d.; 56 lb., 7s. 7½d.; 28 lb., 7s. 9d.; 14 lb., 8s. per lb..

VANILLIN.—There are occasional sellers at slightly less than the quoted prices; business fair: ex guaiacol, one ton, 14s. 3d.; ten cwt., 14s. 6d.; five cwt., 14s. 9d.; three cwt., 15s.; one cwt., 15s. 3d.; 56 lb., 15s. 6d.; 28 lb., 15s. 9d.; 14 lb., 16s.; less, 16s. 3d. per lb.; ex clove oil, 16s. to 18s. per lb. as to quantity, from one ton to less than 14 lb.

Crude Drugs, etc.

ACONITE ROOT.—Japanese is offered at 57s. 6d. and Napellus at 67s. 6d. per cwt. spot.

AGAR-AGAR.—Market is steady, but business is slow. Spot, Kobe No. 1, 2s. 10d.; No. 2, 2s. 8d.; Yokohama No. 1, 2s. 8d. per lb. Shipment, Kobe No. 1, October-November, 2s. 2d.; January-February, 2s. 1d.; Kobe No. 2, 1s. 9d.; Yokohama No. 1, 1s. 9d. per lb. c.i.f.

ANTIMONY.—The market is quiet, values unchanged. Chinese crude, spot, £16; shipment, £15 10s. c.i.f. Chinese oxide, spot, £27; shipment, £21 c.i.f.

BALSAMS.—A fair business in *Tolu* has been done, with the price about 3s. 4d. per lb. Canada quoted at 3s. 6d. per lb., is dull.

BELLADONNA.—Supplies on spot of good testing root are quoted at 57s. 6d. per cwt.

BUCHU.—This market continues firm and there has been a good inquiry this week. Good green rounds, 1s. 3½d. to 1s. 4d.; fair to medium, 1s. 1d. to 1s. 2d.; ovals, firm at 9½d. per lb.

CAMPHOR.—Business in the Japanese product has been slow; the market is quoted about unchanged. Spot, slabs, 2s. 4d.; tablets, 2s. 10d. per lb.; shipment, slabs, 1s. 1½d.; flowers, 1s. 10½d.; tablets, 2s. 3½d. per lb. c.i.f. English refined is quoted unchanged: flowers, one cwt., 3s. 1d.; 28 lb., 3s. 2d.; small lots, 3s. 3d. per lb. Transparent tablets, 4 oz., 8 oz. and 16 oz., 3s. 4d.; 1 oz. and 2 oz., 3s. 5d.; ½ oz., ¾ oz. and 1 oz., 3s. 6d. per lb.; special prices for contracts for quantities.

CASCARA SAGRADA.—It is reported from origin that the crop this year is about half that of the previous year, peeling finishing a month earlier than usual owing to the

low prices then prevailing. Shipment is firm at 48s. 6d. per cwt. c.i.f., in car-load lots, and substantial advances are anticipated during the next two months. On spot, 1931 peel, 60s.; 1932 peel, 52s. 6d. per cwt.

CHAMOMILES.—A very fair business is being done and prices are well held at 125s. to 145s. per cwt. as to colour.

CLOVES.—Business has been rather quiet, but the market is fairly steady. Zanzibar, spot, 7½d.; shipment, October-December, 6½d. per lb. c.i.f. Madagascar, spot, 7½d. per lb. sellers.

The landings of Zanzibar in London during the week ended October 8 were 50 and the deliveries 37, leaving a stock of 1,199, against 1,067 in 1931. From January 1 to date landings of Zanzibar have been 4,626, against 2,572 in 1931, and the deliveries 5,414, against 2,524 in 1931. Landings of Madagascar for the week ended October 8 were nil and the deliveries 39, leaving a stock of 1,373, against 862 in 1931. Landings of Madagascar this year to date have been 814, against 2,320 in 1931, and the deliveries 448, against 2,364 in 1931.

COCOA BUTTER.—The market is better this week, with prime English quoted at 9½d. to 10½d. per lb. as to quantity.

COCONUT (DESICCATED).—Prices show a further slight advance; market steady; business fair. Spot, fine, 25s. 6d.; medium, 25s.; halves, 23s. 9d.; shipment, halves, October-November, 23s. 9d. per cwt. c.i.f.

COD-LIVER OIL.—The shipment market for finest Lofoten steam-refined, non-freezing medicinal oil is very steady at 88s. 6d. per barrel c.i.f. Spot is at 100s. to 102s. 6d. per barrel ex wharf, duty paid. Some brands would be cheaper.

ERGOT.—Russian is offered at cheap prices in the region of 1s. 1d. per lb. Spanish new crop for shipment in quantities, about 1s. 4d. per lb. c.i.f. Supplies of Spanish, in bond, are quoted at 1s. 6d. to 1s. 6½d. per lb.

GELATIN.—Market is steady and a fair volume of business is being done. Spot, gold leaf, 2s. 2d.; silver leaf, 2s.; bronze leaf, 1s. 8½d.; thin leaf, 1s. 7½d. per lb., in cwt. lots.

GENTIAN.—Limited spot supplies are held steady at 47s. 6d. per cwt.

GINGER.—Market is rather dull but quite steady. West African, spot, 24s. 6d.; for arrival, 22s. 6d. per cwt. c.i.f.

GUM ACACIA.—This market has lacked interest, with quoted prices at former rates.

HENNA LEAVES.—Spot supplies are rather freely offered at from 25s. to 35s. per cwt. as to colour.

HONEY.—Quite good business continues to be done and supplies are comparatively low. Jamaican, good medium quality, about 40s. to 45s. per cwt.; dark manufacturing is rather dearer at from 30s. per cwt. Cuban, about 37s. per cwt.

HYDRASTIS.—Fair sales in limited quantities continue at about 4s. 9d. per lb. spot.

IPECACUANHA.—During September 74 bales were delivered out of store and none taken in, leaving a stock of 192 bales, against 254 bales last year. These figures include all kinds. Matto Grosso on spot is firm at 5s. 6d. to 5s. 8d. per lb. No offers for shipment.

MANNA.—Spot supplies of selected flake in 1-lb. tins are quoted at 3s. 6d. per lb.

MENTHOL.—More inquiry this week and the market is steadier, with K/S brands on spot now at 12s. 6d. per lb., and slightly less for bulk quantities. The shipment market has received more attention and is rather dearer. October-December, 11s. 3d.; January-March, 11s. 1½d. per lb. c.i.f.

MERCURY.—Business is moving on a fair scale and the market is steady. Spot, £10 2s. 6d. to £10 10s. per bottle, ex warehouse, as to quantity.

OPIMUM continues steady at 1s. 4d. per unit, landed and duty paid. Exports from Turkey for the period January-July totalled £T.1,683,879, compared with £T.1,101,401 during the same period of 1931.

PEPPER.—Quoted values are about level on the week, while the market has been subdued. Lampong, spot, 6½d.; shipment, August-October, 5½d.; October-December, 5½d.; January-March, 5½d. per lb. c.i.f. Tellicherry, shipment, January-March, 52s. per cwt. c.i.f. Aleppy, spot, 6½d.; shipment, January-March, 50s. per cwt. c.i.f. White Muntok, spot, 7½d.; shipment, August-October, 6½d.; October-December, 6½d.; January-March, 6½d. paid per lb. c.i.f.

PIMENTO.—Part of the recent advance in price has been lost and the market has been quieter. Spot, 3½d.; shipment, October-November, 23s. per cwt. c.i.f.

QUILLAI BARK.—Dealers are offering spot supplies of crushed bark at 32s. 6d. per cwt.

RUBBER.—This commodity has had a rather poor week of business and values are fractionally easier. Total U.K. stocks, 102,712 tons, compared with 134,253 tons a year ago. Standard ribbed smoked sheet, sellers, spot, 2½d.; October, 2½d.; November, 2½d.; December, 2½d.; January-March, 1933, 2½d.; April-June, 2½d.; July-September, 2½d. per lb.

SAFFRON.—Small business continues, with the market steady: spot, prime B.P., 53s. 3d.; extra B.P., 50s.; super B.P., 46s. 6d. per lb., and slightly less for bulk quantities.

SARSAPARILLA.—The market has remained rather dull. Jamaica grey, 1s. 10d.; native, 1s. 1d. to 1s. 2d. per lb., as to colour.

SEEDS.—ANISE.—Spanish, 52s. 6d.; Bulgarian, 35s., and Levant 34s. per cwt., spot. CANARY.—Quiet; Mazagan, spot, 13s. 6d.; Tangier offering at 13s.; Kenitra quoted 12s. 6d. LINSEED.—Mazagan, 14s., and Morocco 13s., spot. CORIANDER.—No business passing; Morocco 1929 crop, 15s. 9d.; Wormy, 14s. 6d. to 15s. CUMIN.—Malta, spot, 35s.; Morocco sold at 32s. For shipment 28s. c.i.f. quoted.

PENUGREEK.—Morocco 12s. 6d. spot. For shipment 10s. 6d. c.i.f. CARAWAY.—Dutch is dearer on spot, 32s. now quoted, duty paid. MUSTARD.—English 21s. to 29s. 6d. per cwt., according to quality. No bold or extra bold to be had.

SENEGA.—A fair business is reported and the market is steady. Spot, 2s. 2d. to 2s. 3d.; shipment, 2s. 1d. per lb. c.i.f.

SENNA.—This market continues very steady and business is sustained. Alexandrian manufacturing pods are in limited supply with a steady sale, and the medium grades are of interest at fully former prices. Timnevel pods are also in good demand, with hand-picked at from 7d., and f.a.q., 4½d. to 4½d. per lb. For shipment, f.a.q. pods, 5½d. per lb. c.i.f.

SHELLAC.—Market is easier and dull. Spot, standard TN orange, 62s. 6d.; fine orange, 72s. 6d. to 137s. 6d.; pure button, 77s. 6d.; for delivery, TN, December, 52s. 6d.; March, 55s. sold; for arrival, TN, October-November, 52s. 6d. per cwt. c.i.f.

SQUILL.—Spot supplies of No. 1 white new crop are being quoted at 25s. per cwt.

STRAMONTUM LEAVES.—Some spot good green Hungarian are quoted at 50s. per cwt.

VALERIAN ROOT.—Dealers are offering clean Belgian on spot at 42s. 6d. per cwt.

WAX (VARIOUS).—Business has been better this week. Carnauba is dearer, and in other products prices are quite steady. CARNAUBA, fatty grey and chalky grey, is quoted at 85s.; medium yellow is dearer at 140s.; fine yellow has advanced to 155s. CANDELILA steady at 75s. per cwt. SPERMACEIN, steady at 9½d. per lb. spot. PARAFFIN is about steady from 22s. 6d. to 50s. per cwt. as to melting point. CERESIN is quoted from 35s. to 80s. per cwt., as to colour and melting point. BEES' now very steady, with the market showing more life; bleached, discs, £7 10s.; slabs, £7 5s.; yellow refined, is very steady at £5 15s.; yellow crude, 97s. 6d. per cwt. spot.

Essential Oils, etc.

FOLLOWING one or two quiet days, the markets are doing fairly satisfactory business, and the general tone is steady. Citronella, Java and Ceylon are firm and again dearer. Japanese dementholised peppermint is more active and very steady at dearer rates. The American oil is rather easier for shipment. Lemongrass is dearer. Geranium is disturbed by isolated cheap offers.

ALMOND.—Genuine s.a.p. is quoted at about 7s. 6d.; sweet almond from 1s. 11d. to 2s. per lb., as to quantity.

ANISE (STAR).—The market has again been rather quiet, and isolated cheap offers are noted: spot, "Red Ship," in leads, 1s. 11d.; in tins, 1s. 9d.; in drums, 1s. 8½d.; shipment, in leads, 1s. 8d.; in tins, 1s. 6½d.; in drums, 1s. 6½d. per lb. c.i.f.

BERGAMOT.—This market has been dull; first-hand price is about 9s. 6d. per lb., with some sellers at less.

BOIS DE ROSE.—There is nothing to report in Cayenne; stocks are practically exhausted, and the price is nominal. Brazilian is again dearer on spot at 5s. 3d. to 5s. 6d. per lb., and shipment from the Continent is up to 5s. per lb. c.i.f. From origin the price is about 6s. 3d. per lb. c.i.f.

CAJUPUT is unchanged on a quiet market: spot, from 2s. 4½d. to 2s. 6d. per lb., as to quantity.

CARAWAY.—A limited inquiry continues with Continental twice-rectified on spot at about 7s. 6d. to 7s. 8d. per lb.

CASSIA.—Business has been rather slow with spot about held at 3s. 9d. per lb. for fair quantities; shipment, 3s. 2d. per lb. c.i.f.

CEDARWOOD.—Conditions are about steady, but business is restricted. American, spot, 1s. 10d. to 1s. 11d.; shipment, 1s. 7½d. per lb. c.i.f.; Colonial, spot, in drums, 1s. 7½d.; in tins, 1s. 9d. per lb.

CITRONELLA.—The spot market has been quieter, but owing to shortness of stocks prices show a further slight advance, and the market is firm. Ceylon, spot, 2s. 3d. to 2s. 4½d.; shipment is firm from 2s. 1½d. per lb. c.i.f., with shippers very restricted in their offerings. Java, on spot, firm at 3s. to 3s. 3d., and shipment 2s. 8d. per lb. c.i.f.

CLOVE.—A fair demand for Madagascar has been dealt with, and the spot price is steady at 3s. 6d. to 3s. 9d. per lb. Shipment is rather dearer in the region of 2s. 11d. per lb. c.i.f. English, 4s. 3d. to 4s. 4d. per lb.

EUCALYPTUS.—Interest in this market has not been sustained, there being a rather marked absence of inquiry. Australian, 70 to 75 per cent., 1s. to 1s. 0½d.; 80 to 85 per cent., 1s. 1d. to 1s. 2d. per lb., and slightly less for bulk quantities. Spanish, 70 to 75 per cent., 1s. 2d. per lb.

GERANIUM.—Isolated cheap sellers of Bourbon are still disturbing this market. Bourbon, spot, from 23s. per lb., and shipment is about the same figure. Algerian, on spot, is quoted at about 24s. per lb., with any business done mostly at lower figures.

GINGERGRASS has met with a moderate inquiry, with spot quoted at 6s. 6d. to 6s. 8d. per lb., as to quantity.

JUNIPER BERRY (B.P.).—Business has been slow: spot is quoted at about 4s. 6d. per lb.

LAVENDER.—One or two sizeable orders are said to have been booked for new crop oil, but the prices obtained are understood to have been very keen. Prices quoted for best brands appear to be well over the market. Average brands: 50 to 52 per cent., 10s. 6d. to 10s. 9d.; 40 to 42 per cent., 9s. 3d. to 9s. 6d.; 38 to 40 per cent., 8s. 9d. to 9s.; 36 to 38 per cent., 8s. 3d. to 8s. 6d.; 30 to 32 per cent., 7s. 6d. to 7s. 9d. per lb., delivered, and slightly less for bulk quantities. Some of the well-known brands are fully 6d. to 9d. per lb. dearer.

LEMON.—The market has been quieter after the better inquiry of last week. Sicilian hand-pressed oil is quoted on spot from 4s. to 5s. per lb., and some parcels are at less. The shipment market continues to range from less than 4s. up to 5s. 3d. per lb. c.i.f. as to brand and quantity. Californian, spot, 57 cents per lb., in drums.

LEMONGRASS.—Spot supplies have become very short and the market is quoted dearer at 2s. 4½d. per lb.; shipment has advanced to 2s. 3d. per lb. c.i.f.

LIME.—This market remains slack, with the price of West Indian easy at 32s. per lb.

MANDARIN.—The market is steady, with business in a few small lots recorded: spot, 16s. per lb., and less for bulk lots.

ORANGE.—Interest in this market is poor at the moment. Sicilian sweet on spot, about 7s.; shipment, from 6s. per lb. c.i.f.; prices would be slightly lower for bulk orders. West Indian, hand-pressed, 5s. per lb. c.i.f. Californian, spot, 80 to 90 cents per lb. as to quantity.

PALMAROSA is quietly steady, with dealers quoting spot at about 8s. 6d. to 8s. 8d. per lb. as to quantity.

PEPPERMINT.—More business has been done this week in Japanese demethylated, and the spot value, after sales at 4s., is now close up to 4s. 3d. per lb. sellers. Shipment is also dearer and much stronger, with October-December, 3s. 10½d. and January-March, 3s. 10½d. per lb. c.i.f. Good inquiry for shipment. The American oil shipment market has sagged a little and is not showing much life: natural oil in drums, 1 dollar 75 cents per lb. c.i.f.

PETITGRAIN.—The spot value is unchanged at 4s. 3d. to 4s. 4d. per lb. as to quantity: business slow.

ROSEMARY.—A moderate business continues: market steady. Spot, 1s. 9½d. to 1s. 10d.; shipment, 1s. 5d. per lb.

SANDALWOOD.—The controlled prices for genuine East Indian distilled continue at 24s. 6d. to 25s. 6d. per lb. as to number of cases.

SASSAPARILLA.—The market has been dull: spot quoted from 4s. 1d. to 4s. 3d. per lb. as to quantity.

SPEARMINT.—Some limited business is being done, with the market quoted at about 7s. 9d. to 8s. per lb. as to quantity.

SPIKE.—Business has been fair, with Spanish on spot holding at about 3s. 4d. per lb.; shipment is unchanged at 3s. 1½d. per lb. c.i.f.

WORMSEED.—The spot market continues to be quoted at 14s. 9d. to 15s. per lb.; shipment is in the region of 16s. 4d. per lb., duty paid and landed.

Fixed Oils, etc.

THESE markets have been quieter this week and in most instances quoted values show some loss. Linseed (raw, naked) is rather cheaper. Palm oils are dull. ACID OILS are quoted unchanged, but business has been poor: coconut and/or palm kernel, 21s.; groundnut, 18s.; soya, 15s. spot. CASTOR.—Business is fair; market is quoted unchanged: pharmaceutical, 42s.; first pressing, 37s.; second pressing, 32s. (barrels); cases, £4 per ton extra ex mills. Hull, in not less than one-ton lots; Bombay, 30s. 6d. (drums) c.i.f., nominal. COCONUT.—Business has been slow and the market is easier: deodorised, 32s. 9d. (barrels) spot; Ceylon, 23s. 6d. (drums) c.i.f. COTTON.—All grades are quoted slightly cheaper and business has been poor: deodorised, 23s. 6d.; common edible, 27s. 6d.; soapmaking, 27s.; crude, 24s. 6d. (barrels) spot. GROUNDNUT.—The market is easier and quieter: deodorised, 39s. (barrels) spot; crude Oriental, 29s. (drums) c.i.f. LINSEED (raw, naked).—The market is quoted much cheaper and business has been dull: on spot, 18s.; October, 16s. 1½d.; November-December, 16s. 9d.; January-April, 17s. 9d.; May-August, 18s. 9d. Boiled oil, 20s. 3d. OLIVE.—Business has been fair and prices are unchanged: edible, in tins in cases, 8s.; in drums, 7s. 6d.; B.P., 4s. 9d. per gallon in 40-gallon barrels. PALM.—On balance prices for the various grades are rather easier and business has been quieter: Lagos, 17s. 6d.; softs, 16s. 6d.; mediums, 17s. 6d.; hards, 18s.; bleached, 20s. spot. PALM KERNEL.—The market is quoted cheaper: deodorised, 31s. 6d.; crude, 24s. 6d. spot. RAPE is quoted unchanged and a moderate business is passing: refined, 33s.; crude, 31s. spot. SOYA.—Deodorised is easier at 30s., and crude is down to 26s. spot. TURPENTINE.—Business has been slow; values about level on the week. Total London stocks, 23,574 barrels. On spot, 61s. 9d. WOOD.—Hankow in barrels on spot is now quoted at 52s. 6d.

Trade-Mark Applications

The figures in parentheses refer to the classes in which the marks are grouped. A list of classes and particulars as to registration are given in "The Chemist and Druggist Diary," 1932, p. 339.

(From "The Trade Marks Journal," September 28, 1932.)

- "MARVEX": for a veterinary medicine (2). By Alice Hodgkinson, "Ivy Bank," Church Street, Uttroxteter. 533,005. (Associated.)
- "HYSTOBROME": for a preparation for hysteria in dogs (2). By S. G. Constance, 65 Elizabeth Street, Eaton Square, London, S.W.1. 533,877.
- "PRECIPHOS": for chemicals (2). By Questier & Co., Ltd., Capel House, New Broad Street, London, E.C.2. 534,243.
- "ALKA-SELTZER": for tablets for making seltzer water (3). By Dr. Miles Medical Co., 117-123 West Franklin Street, Elkhart, U.S.A. 527,666.
- "NEONAL": for medicinal chemicals (3). By H. R. Napp, Ltd., 3 and 4 Clement's Inn, London, W.C.2. 530,975.
- "EADYN": for an ointment for rheumatism, etc. (3). By G. Eade, Ltd., 232 Goswell Road, London, E.C.1. 532,672. (Associated.)
- "SILVETTES": for pills and tablets for obesity, liver, indigestion and nervous disorders (3). By Arthur H. Cox & Co., Ltd., 93 Lewes Road, Brighton. 533,855.
- "RHABDOK": for medicinal chemicals (3). By Tidbury & Wilkinson, 32 Porchester Square, London, W.2. 534,313.
- "ESTRIOL": for medicinal chemicals (3). By May & Baker, Ltd., Church Road, Battersea, S.W.11. 534,445.
- "OCUSOL": for eye lotions (3). By Boots Pure Drug Co., Ltd., 37 Station Street, Nottingham. 534,345.
- "OESTROGEN": for medicinal chemicals (3). By The British Drug Houses, Ltd., 16-30 Graham Street, City Road, London, N.1. 534,585.
- "HALVERIN": for all goods (3). By Parke, Davis & Co., Foot of McDougal Avenue, Detroit, U.S.A. 534,640.
- "CHLORODONT": for perfumery, etc. (43). By Leo-Werko G.m.b.H., Königsbrücker Strasse 14, Dresden. 534,397. (Associated.)
- "PROSPERO": for toilet preparations for the hair (43). By Rose E. Morgan, 97 High Road, South Woodford, London, E.18. 532,103.
- "FLAROMA": for perfumes (43). By The Abietan Mfg. Co., Ltd., Managers Street, London, E.14. 533,352.

Correspondence

Letters should be written on one side of the paper only. Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor.

Pharmaceutical Society of Ireland

SIR,—I wish to extend through the courtesy of your paper my heartiest thanks to the members of the Pharmaceutical Society of Ireland for returning me to the Council. I also wish to thank sincerely the members through whose exertions on my behalf this result was brought about. I have always been a believer in the sense of fair play in my countrymen, and the result of the election has shown that this belief was justified.

Yours faithfully,

FIONNUALA MARY FLOOD.

Olney, Terenure, Dublin.

SIR,—I wish through your columns to thank my many friends for the support they have always shown to me in my efforts on behalf of pharmacy. The result of the election shows that I can still count on their loyal and unflinching friendship.

Yours faithfully,

FRANK FITZPATRICK, M.C.P.S.I.

Stoneybatter, Dublin.

Joseph Ince

SIR,—Your "Retrospects of Fifty Years Ago" must have a personal touch to many of your readers, and the one relating to Joseph Ince in your issue of October 8 is one of this type. I am one of the diminishing number who learned his pharmacy at Bloomsbury Square from this Napoleon of our craft. Though he was not a teacher adapted to the rough and tumble habits of lively students there was a stateliness of manner and style which commanded respect towards the venerable educator, who was punctilious to such a degree that I believe every word of his lucid lectures was written out. I think now (as I thought then) that he should have been a dean. (His brother, Canon Ince, D.D., was Regius Professor of Divinity in the University of Oxford.) It would be impossible to say how many pharmacy students have profited by consulting my notebook on Ince's lectures on pharmacy and dispensing. Any student making a reasonable request of Ince always came away with more than an adequate answer to his query; but woe betide the merely inquisitive creature! Like all thoughtful teachers, Ince had his fads: two of these I particularly remember. He hated the gummed label, and was equally averse from using blotting paper. (The latter peculiarity I must confess to having acquired from him.) Another strangeness was a regular use of the dark-coloured cork for dispensing; I could not fathom this preference until by chance the explanation came that the dark cork was probably a virgin cork, the pale one having been bleached. I believe that in some parts of Scotland to-day this type of cork is still preferably used by dispensers.—Yours, etc.,

ANTIQUUS (10/10).

The New British Pharmacopœia

SIR,—The lists which you publish of the articles and preparations of the new B.P. (*C. & D.*, October 1, 422) are chiefly remarkable for the number of those omitted; while perhaps many of these have fallen into disuse there are others which will continue to be prescribed and dispensed or to be demanded over the counter in spite of the fact that they are no longer official. One omission in particular is interesting—tinct. chlorof. et morph. co. This has figured under various names in three editions of the B.P. in an attempt to produce a preparation resembling chlorodyne; at last the attempt has been given up. There is little doubt that most prescribers expect to get the '85 variety, whether they prescribe it as tinct. chlorof.

et morph., tinct. chlorof. et morph. co., or chlorodyne, and many of them have been surprised when the newer tincture with its green colour has been dispensed in strict accordance with the "co." of their prescription. Pil. coloc. co. is another item which is in frequent demand by prescribers, and no doubt will continue to be so. Amongst things which are sold over the counter are aqua rosæ, liquor hamamelidis, ol. juniperi, pil. aloes et myrrh., syrup. rhei, syrup. rhœados, troch. ipecac., ung. gallæ, and ung. resinæ, for all of which there will no longer be an official standard. And, most important of all, vinum ipecac.; I wonder if the public will accept without protest ipecacuanha "wine" made with alcohol, glycerin and water.

Faithfully yours,

NERICUM (10/10).

D. D. Exemptions

SIR,—On the principle that "half a loaf is better than no bread," chemists are thankful to learn of the pulv. ipecac. co. (admixture) exemptions under the new D.D.A. Regulations (*C. & D.*, October 8, p. 433); but these concessions are by no means sufficient for the smooth working of any dispensing business. Why are only five drugs specified? I frequently am called upon to dispense prescriptions for pulv. ipecac. co. and bismuth. salicyl. or pulv. ipecac. co. and magnes. carb. Surely common sense indicates that these and many other prescriptions should be exempted. Why not make the Regulation "pulv. ipecac. co. '14 and pulv. ipecac. et opii '32 with any admixture of B.P. or B.P.C. drugs," as has been done with lin. opii, etc.? It is difficult to understand the exclusion of elixir diamorph. et pini. co., B.P.C., and elixir diamorph. et terpini, B.P.C., from the exempted list.

Yours faithfully,

COMMON SENSE (11/10).

Appearance and Reality

SIR,—One appreciates humour in your columns—and you are ever mindful of its value. But it seems to me that Mr. G. F. Corral (*C. & D.*, October 8, p. 457) is so eager in the pursuit of his jokes that he has lost sight of the real answer to "Disillusioned Apprentice." To tell him to "go and do likewise"—meaning to poach on the hairdresser, grocer, draper, etc., because they have invaded our territory—is simply to invite the young man to leave pharmacy; and this is clearly not "Disillusioned Apprentice's" object; he wants richer and more abundant pharmacy, not diluted pharmacy and wholesale poaching. What "D. A." must do is to preach the raising of the qualifying standard so as to give us fewer and better pharmacists, so that poaching will be no longer necessary. The reply of "Des Fraises" (p. 458) is even less helpful. It may not seem to him romantic to make emulsions or malodorous pills; but such tasks are merely the "exceptions that prove the rule." In spite of these occasional disagreeable tasks (which "D. A." I am sure, would not dodge) he is still entitled to find pharmacy romantic if he cares to—and equally entitled to grumble when having asked for pharmaceutical bread he is offered the stone of grocery-cum-drapery. "Des Fraises's" final remark that "toilet and other goods" will "provide a living" is irrelevant and not necessarily true. The problem is not how to make a living outside pharmacy, but "How to Make Pharmacy Itself Pay." There can be only one answer: we must have fewer pharmacists.

Yours truly,

LEX (8/10).

Dispensing Notes and Difficulties

Unusual Doses

SIR.—The following prescriptions have been dispensed by me at various times:—

(1) Tr. bellad. ʒij., glycerini ad ʒiv. M. m100 t. i. d. p. c. ex aqua.

(2) Tr. iodi mit. ʒj., glycerini ad ʒij. M. ʒj. ex lacte bis vel ter die.

(3) Kali brom. gr. 80, chloral hyd. gr. 60, tr. opii B.P. m160, tr. hyosc. ʒij., syr. aurant. ʒiv., spt. chlorof. ʒij., aq. ad ʒij. M. ʒss. ex. aq. h.s.s.

The first two prescriptions were handed to me by the doctor with the remark that I need not be nervous. The third was initialed.—Yours faithfully,

M.P.S.I. (7/9).

Potassium Iodide in Oily Spray

SIR.—How should the following be dispensed to form a clear solution for atomiser?

Iodi	...	...	...	...	gr. v.
Potass. iod.	...	...	...	...	gr. x.
Ol. menth. pip.	...	...	...	...	m. xij.
Paraff. liq.	...	...	...	ad	ʒj.

Yours faithfully,

SPRAY (2/1).

[Potassium iodide is insoluble in liquid paraffin. Iodine is readily soluble in aqueous solutions of potassium iodide, but that fact does not help in this prescription, as water may not be used. Iodine is soluble in essential oils, and is soluble about 1 in 20 in liquid paraffin. The intention of the doctor is to make a solution suitable for an atomiser. We should dissolve the iodine in the liquid paraffin to which has been added the peppermint oil, and leave out the potassium iodide—provided you can inform the doctor that the potassium iodide is insoluble.]

Miscellaneous Inquiries

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for, and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

H. E. B. (20/78).—REMOVAL OF NICOTINE STAINS.—A mixture of equal parts of solution of ammonia and solution of hydrogen peroxide may be used to remove nicotine stains from the fingers if the stains are of recent origin. Another and effective method consists in the application of a 25 per cent. solution of sodium sulphite acidified by the addition of a small amount of dilute hydrochloric acid. In the case of old stains the following treatment is recommended:—The stain is moistened with a 5 per cent. solution of potassium permanganate; when dry the part is moistened with a 5 per cent. solution of sodium thio-sulphate and the latter is allowed to dry. Finally, dilute hydrochloric acid is applied by means of a pledget of cotton-wool. This method is extensively recommended by continental doctors for ladies to remove the stains on the fingers caused by smoking cigarettes.

F. H. N. S. (9/7).—LIQUID MOTOR CAR POLISH.—The main components are silica (11.5 per cent.), kerosene, slightly perfumed, and water. The silica is probably in the form of silicalgel.

J. P. K. C. (9/5).—MOTOR CAR SHOCK ABSORBERS.—This is stated to be used for hydro-pneumatic shock absorbers. It is a white emulsion, specific gravity 1.04; analysis indicated its composition to be glycerin 25 per cent., vegetable oil 8 per cent., and an emulsifying agent; there is no ash.

W. A. Q. (13/9).—Tonic FOR GREYHOUNDS.—This is a saccharine solution containing reducing sugar (18 per cent. total solids) and a little caffeine.

Legal Queries

J. N. (17/9).—The references to "scabs, eczema, ringworm, etc.," on the label would render the article liable to medicine-stamp duty.

J. D. (7/10).—The use of the label enclosed with your letter renders the article liable to medicine-stamp duty, since the article is held out as a remedy in a number of specifically mentioned ailments. In spite of the inclusion of the words "Cattle Strength" on the label it cannot be regarded as a veterinary medicine, since it is held out as beneficial for human ailments.

C. E. U. (20/9).—If you wish to oppose an application for registration of a trade mark this must be done within one month of official advertisement of the application. For this purpose you should obtain Form TM No. 7, costing 40s., from the Registrar, The Patent Office, 25 Southampton Buildings, London, W.C.2. You will find further particulars regarding the procedure to be adopted in opposing registration in the *C. & D. Diary*, 1932, p. 339.

G. B. (8/9).—If the proposal you have received is to the effect that you should provide the capital required and join a qualified chemist as a partner, it is necessary you should realise that such an arrangement may render you liable to prosecution and penalties for infringement of the Pharmacy Acts, unless the business was formed into a limited company with the chemist on the board of directors and registered as a superintendent. We are assuming, of course, that the intention is to conduct a retail business as chemists and druggists, and describe yourselves as such. Apart from this, we fear you have got an exaggerated notion respecting the profits to be made, either from the sale of drugs generally or the manufacture of medicinal preparations. As an investment with the idea of making big profits, we do not recommend you to look to the retail drug trade.

R. W. B. (3/3) is leaving the employ of a firm for whom he acted as manager. There was a service agreement under which he was to receive a stated weekly salary and to have twelve working days holiday each year on full pay. The agreement was to be terminable by a month's notice in writing. Last year, he was allowed pay during one week of his holiday only and subsequently his salary was reduced by 10s. a week without previous notice. Seeing that the firm broke the agreement in two respects, is "R. W. B." any longer bound by its terms? [It would seem that by taking no exception to the firm's action, "R. W. B." must be deemed to have waived the firm's breaches of contract and accepted the altered terms as regards salary. In the circumstances, we consider that he is still legally bound by the other provisions of the agreement, including the one that requires a month's notice of termination.]

Retrospect of Fifty Years Ago

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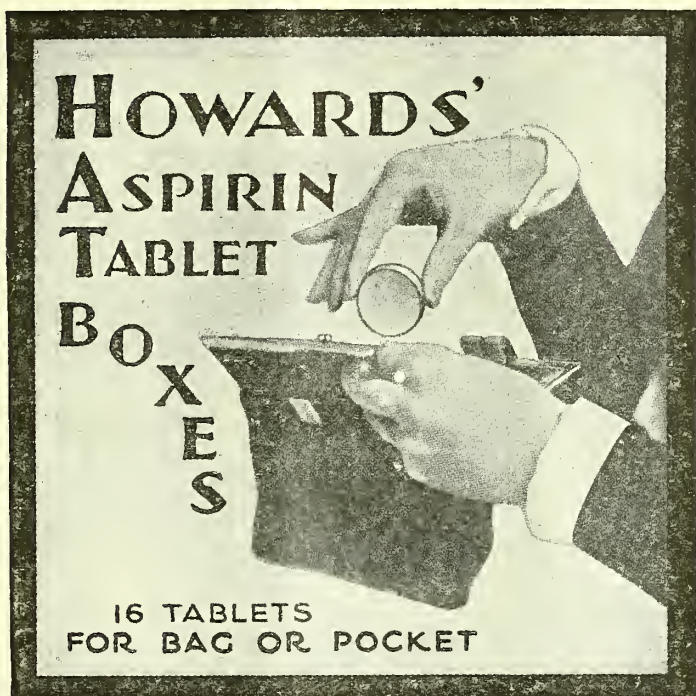
"The Chemist and Druggist," October 15, 1882

Pharmacy Law in Ireland

The Council [of the Pharmaceutical Society of Ireland] then proceeded to consider the recommendations of the Pharmacy Act Amendment Committee. The first was:—

That no pharmaceutical chemist or apothecary shall legally hold a branch establishment for the retail of poisons or compounding of prescriptions except under the responsible management of a duly qualified pharmacist.

Mr. Wells thought that the word "apothecary" ought to be inserted after the words "duly qualified pharmacist." This led to some discussion . . . Mr. Pring pointed out that an apothecary can register as a pharmaceutical chemist by paying three guineas. The president thought that consideration met the case, and the proposed amendment was adopted.



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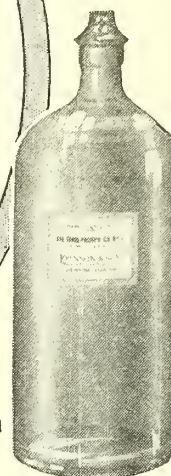
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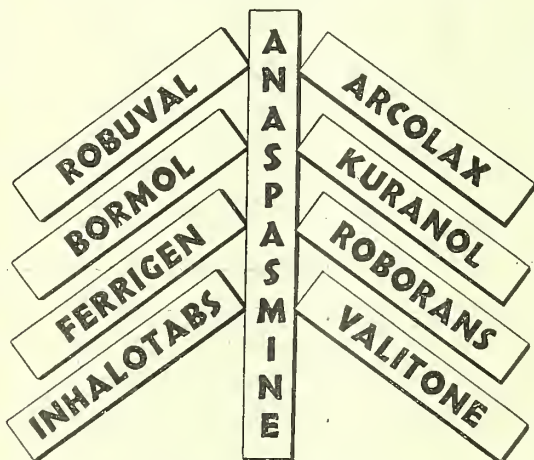
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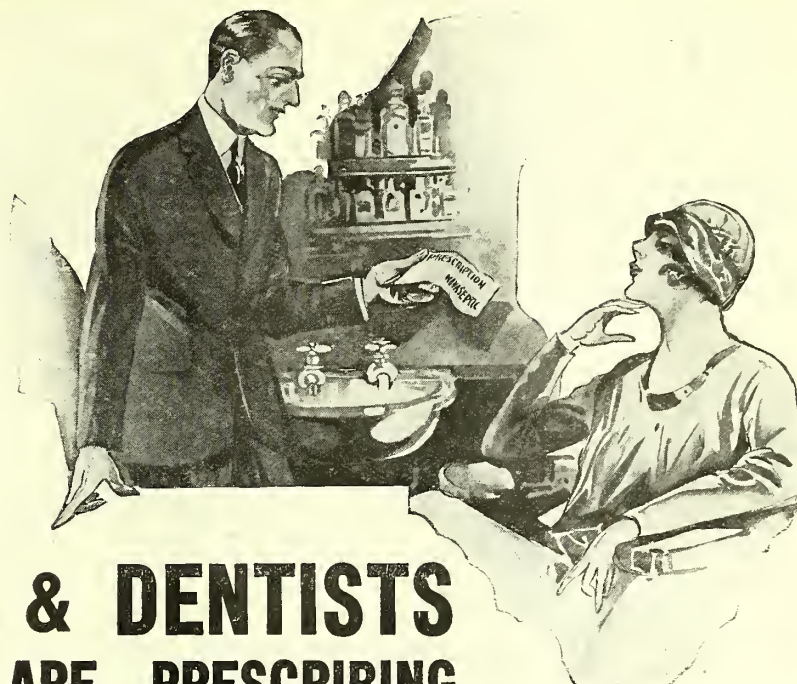
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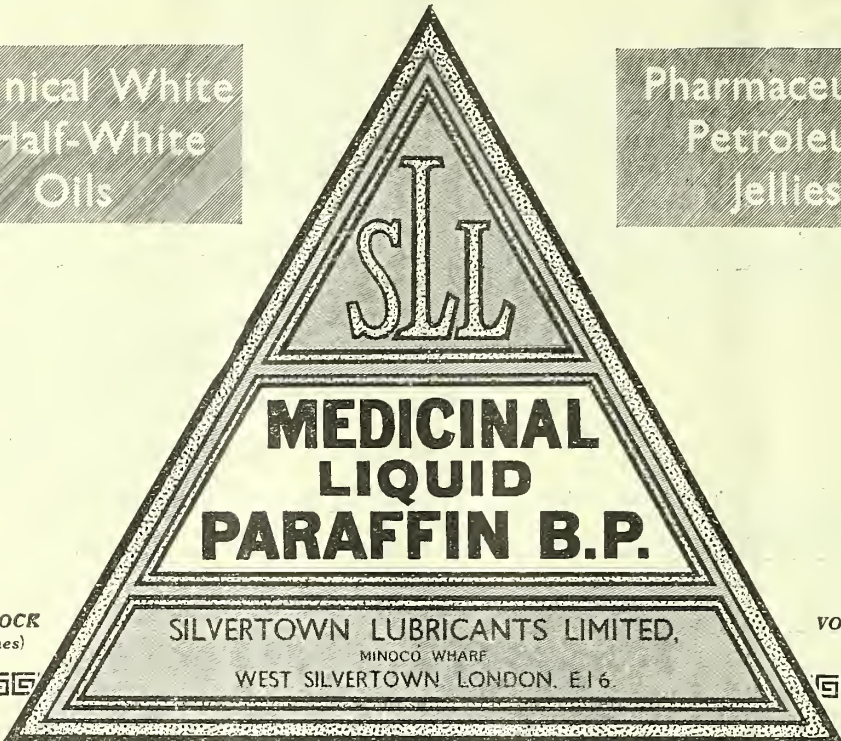
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SAFE - SURE - PROFITABLE**GENASPRIN**
THE SAFE
BRAND OF ASPIRIN**WULFING BRAND**
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THE TRUE TONIC FOOD**GENOZO**
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TOOTHPASTE*Satisfy your customers
— Send up your sales.*

These four lines are household words. They are consistently advertised and always live up to their fine reputation. Because they always do what is claimed for them, doctors prescribe them. A high percentage of profits can be yours if you stock, display and recommend "the big four" (especially if you buy on direct cash terms). ★



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We have pleasure in advising our trade friends that there will be a reduction in price on the six bottle package of "Curicones." As and from **November 1st, 1932**, this size will retail at **24/-** instead of **25/-** as hitherto, which will further increase your profit.

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STEPHEN MATTHEWS & CO. LIMITED.

Manufacturing Chemists & Druggists

19/21 Farringdon Street, London, E.C.4.

Curicones

**THE TESTED
RHEUMATIC REMEDY**

EPHEDROL

REGD.



Simply insert the nozzle in the nostril, throw the head back and "sniff."

Prices:

Stamped—
3/- RETAIL, 25/- per doz.
3 dozen - 24/- per doz.

Unstamped—
3/- RETAIL, 20/- per doz.
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Bonus of 1 to every dozen.
Good Showcards

**Nothing else
like it for
removing Colds
and Catarrh**

Better than a Spray

Leading Laryngologists have endorsed 'Ephedrol' (in its patent nasal bottle) as better, cleaner and more effective than atomiser, spray or douche. It can be recommended to your clientele with confidence in its effectiveness.



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Telegrams: "ONE," LIVERPOOL. Established 1813

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The World's Best Remedy For
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and its attendant ailments.

Don't let your Customer
leave your shop disappointed! Those
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STOCK IT!

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Order from your usual Wholesale House.

In 1/3, 3/- and 5/- tins—at 11/6, 27/6 and 46/- per dozen

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7½d. size (4 powders) 5/- per doz.
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 Half Gross Boxes (72 powders).... 6/10 each

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(Unstamped)

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Note.—Orders value £1 1 0 upwards for Powders
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★ The above prices show remarkable profits, especially the one guinea parcel which gives retailers **58% PROFIT** on outlay with Daisy Tablets and small size Daisy Powders (sold intact), whilst the half gross box for split bulk shows retailers no less than **85% PROFIT** on cost.

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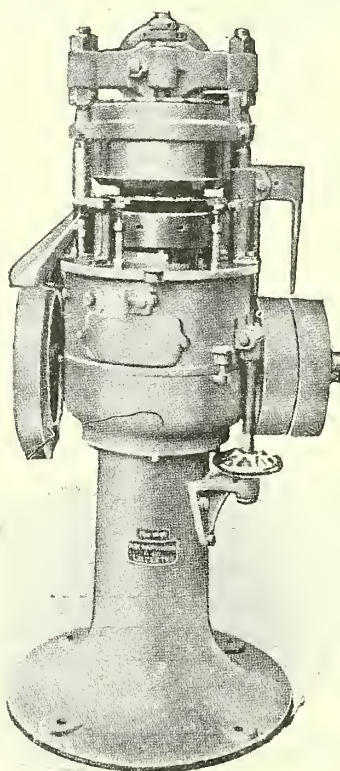
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Single Punch Machines made in 5 sizes
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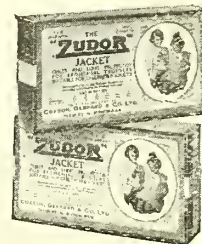
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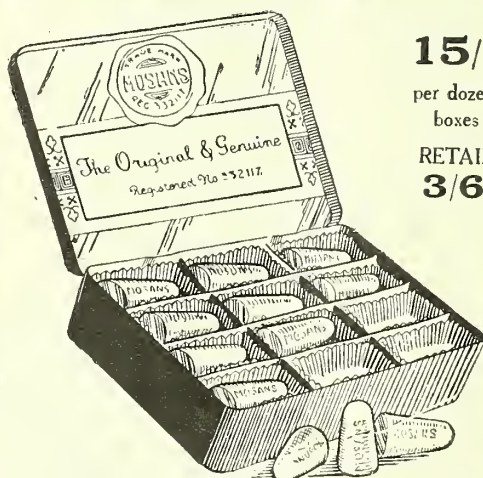
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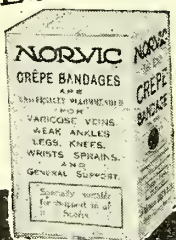
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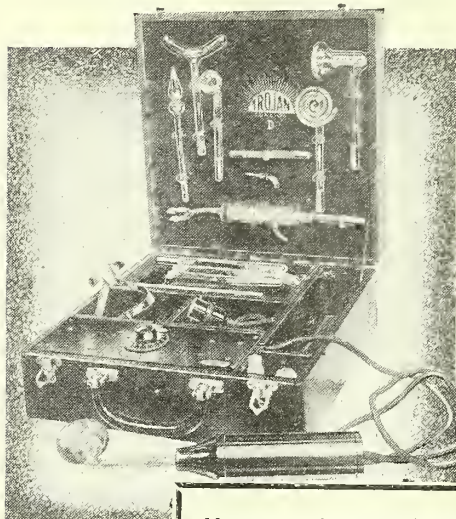
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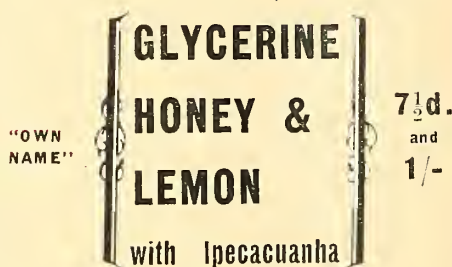
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THE CHEMIST AND DRUGGIST SUPPLEMENT

28 ESSEX ST.
LONDON, W.C.2

OCTOBER 15, 1932

This Supplement is inserted in every copy of The Chemist & Druggist.

THE CHEMIST AND DRUGGIST SUPPLEMENT

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2.—BETHNAL GREEN.—Old-established Business for immediate disposal; returns, excluding N.H.I., £1,500 per annum; single-fronted shop in main shopping street; rent £54; 12 years' lease; price £600.

3.—MIDDLE-CLASS RETAIL BUSINESS; returns last year, under management, £1,720; has done £3,000 under personal supervision; attractive shop, well fitted and stocked; vendor owns the premises and would grant a lease at about £90 per annum; price about £1,250; valuation terms entertained.

4.—WILLESDEN.—General Retail Business with Kodak Agency; returns last year approximately £2,000, increasing; large double-fronted shop, well fitted and fully stocked; rent and rates £100 per annum; sub-lets amount to £78 per annum; price to be arranged; vendor going abroad.

5.—MIDDLESEX.—Middle-class Retail Business; N.H.I. receipts amount to £290 per annum; total returns about £3,000 per annum; very good profits; rent £55 per annum; flat over was recently sub-let at £45 per annum; 20 years' lease unexpired; price asked £2,200; further details on application.

6.—HACKNEY.—Old-established working-class Family Retail Business for disposal on account of death of owner; returns approximately £1,300 per annum, with net profit between £300 and £350; single-fronted shop; fair-sized house with bathroom; rent £70; held on lease; price £550, or valuation terms entertained.

7.—LONDON, S.E.—Cash Drug Store, returning over £4,000 per annum; established 50 years; accountant's figures; main road position; new lease will be granted at £160; price £2,750. Further details on application.

8.—SHROPSHIRE.—Very old-established Business with Wines and Spirits and Beer Off Licence; returns £6,000 per annum, of

which £4,000 is from pharmacy; chartered accountant's figures; extensive premises; rent £250; one of the best positions in town; price asked, to include £500 book debts, £3,000; the business must be sold, and offers are invited.

9.—SOUTHERN COUNTY.—Medium-class Retail and Dispensing Business with Kodak and Rexall Agencies; established 50 years; returns approximately £3,000 per annum; chartered accountant's figures; net profit 25 per cent.; double-fronted shop, very well fitted and stocked; new lease would be granted; accommodation at present used for storage; price about £2,100; valuation terms entertained.

10.—LANCASHIRE.—Old-established Business for Sale on account of death of owner; returns last year £2,779; gross profit 30 per cent.; extensive premises; returns have been £3,607 (1930); stock valued at £2,418 and fixtures £418; rent £105; a cash offer of £2,000 would receive consideration or possibly part payment would be considered provided major portion of purchase money was paid in cash.

11.—WIRRAL.—Good Family trade; semi-country Business; returns last year £1,725; scope for increase in hands of younger man; double-fronted shop; stock and fixtures worth about £850; rent £75; sub-let to Dentist £35; price £1,250, or valuation of stock and fittings and an agreed sum for goodwill.

12.—MID-HAMPSHIRE.—Good-class Retail and Dispensing Business with small Optical connection; returns last year £2,535 (£170 Optical); attractive shop, well fitted and stocked; exceptionally good house; price, all at, £1,950, or without optical stock £1,850; vendor would further reduce the stock to meet a purchaser's requirements.

13.—HOME COUNTY.—Good-class Retail and Dispensing Business; established 40 years; returns £3,400 per annum at usual prices; attractive shop, well fitted and heavily stocked; 6-roomed house with bathroom; room for garage; 20 years' lease; rent £225; price asked £2,500, or valuation terms entertained.

14.—SUSSEX (Country Town).—Good middle-class Retail Business with Kodak Agency; returns about £2,500 per annum; net profit £550; rent £75; sub-let £39; valuation terms entertained.

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2.—LIVERPOOL.—Good-class Suburban Business; returns last year £1,400; net profit over £300; no immediate opposition; well-fitted pharmacy; excellent house attached; price £850, or near offer.

3.—BERKS.—Good-class light Country Retail, in pleasant residential district; returns average over £1,000; scope for increase; large modern shop; good house and large garden; price £100 and valuation, in all £600 to £700.

4.—MIDLANDS.—Old-established Business in busy town; returns average £1,350; good profits; rent £52, on lease; corner shop; well fitted and fully stocked; no near opposition; price £800.

5.—CHESHIRE.—Old-established Business, in main street of market town; present returns about £850; plenty of scope; low rent; lease granted; well stocked; audited books; owner retiring; price £650.

6.—NORTHUMBERLAND (North-East Coast).—Old-established, good-class Retail with small Branch; turnover £1,800; net profit £350 clear; stock and fixtures worth about £500; price for early sale £670.

7.—SURREY (Suburb).—Good light Cash Retail, in central position; returns approximately £25 weekly, steadily increasing; modern fitted pharmacy; every convenience; well stocked; living accommodation; price £800.

8.—YORKS (W. RIDING).—Old-established Business, with valuable Proprietary and Wine Licence; turnover averages £5,000, under management; plenty of scope; good position; price £3,050, or valuation terms arranged.

9.—HERNE BAY.—Well-established, good-class Family Business in growing district; no immediate opposition; returns last year £1,850; scope for increase; good house; long lease; offers invited.

10.—HANTS (Coast).—Good middle-class Cash Business in new and growing district; no near opposition; returns £1,000, increasing; modern house and pharmacy; well stocked; long lease; books audited; price £750.

11.—EASTERN COUNTY.—Middle-class Cash Retail, in busy town; turnover last three years £1,535, £1,588, £1,649; net profit over £400; low rent; long lease; well-fitted shop; good stock; price £900.

12.—LONDON, N. (15 miles out).—Good-class Business in growing residential district and with excellent prospects; returns, under manager, £1,568; handsome modern pharmacy; good house; large garden; price £1,250.

13.—WIMBLEDON.—Middle-class Cash Suburban Business, returns nearly £1,400, under manager; well-fitted shop; good stock; convenient house; long lease; price £750.

14.—LONDON, E.9 (Death Vacancy).—Old-established light Cash Retail; practically unopposed; average turnover £1,300; now less under manager; good house, in thorough repair; rent £70; price for early sale £600, or close offer.

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(C2) LONDON, S.W.—Good medium-class business (lock-up) with optical connection, well capable of further increase and development; main road situation; average turnover for past three years approximately £2,100 per annum; rental and lease by arrangement, or freehold property could be purchased; further particulars will be forwarded in strict confidence to genuine bona fide prospective purchasers upon application.

(C3) SOUTH-EAST KENT.—Old-established lock-up pharmacy, situated in small country town. Turnover for last financial year approximately £1,900, with net profits upwards of £400; rent, £85 per annum, lease (internal repairing only), 17 years; reasonable purchase price.

(C4) SUSSEX.—(PROMINENT SEASIDE RESORT).—Good class retail business with extensive sales in fancy goods, toilets, and photographic utensils; owner selling for family reasons; the present returns are in the region of £30 weekly, but these figures can be increased considerably, particularly if the business is acquired by a chemist of the Jewish faith, to whom it is strongly recommended; the purchase price will approximate £1,200—£1,300, comprising little more than the value of stock and fixtures; the returns have previously exceeded £2,000 per annum, and this figure should easily be reached and probably improved upon by the right type of man.

(C5) DERBY.—Old-established pharmacy situated in middle-class residential district; no near opposition; average turnover approximately £1,350 per annum; low rental; proprietor open to reasonable negotiation, as a quick sale is desired, the reasons for which are perfectly genuine.

(C6) NOTTS.—Old-established family and agricultural business showing average returns of approximately £1,100 per annum; living accommodation; rent, £25 per annum; purchase price, £500; good scope for further increase, as the district is a rural one, and a number of surrounding villages can be catered for if desired.

(C7) NORTH WALES.—Recently established pharmacy, with modern house (all conveniences), situated in rapidly growing residential district; present returns upwards of £20 weekly, but these figures should undoubtedly be capable of very considerable increase; net rent, after allowing for small sub-let, £83 per annum; purchase price, £400 or near offer.

(C8) NORTH-WEST COAST.—Drug store (lock-up) situated in good class holiday resort. Present returns average approximately £850 per annum, but it is estimated that these figures could be almost doubled by a qualified proprietor; rent and rates £43 per annum; no near opposition; price for quick sale, £380; well capable of providing a living for an owner-proprietor at once, with scope for considerable development.

(C9) HERTFORDSHIRE.—Good class retail business at present doing approximately £30—£32 weekly, and increasing; accountants' figures available; modernised premises (lock-up), well stocked and fitted; rent, £60 per annum; further particulars in confidence to bona fide prospective purchasers.

(C10) LONDON, S.W.—Attractive pharmacy with medicated wine licence, situated on busy main road of working class district; optical connection; good opening for dentistry; returns for last financial year approximately £1,350 (should do at least £2,000); business can be acquired for a quick sale at an all-in figure of £500, or alternatively £350 cash, and balance over an agreed period, subject to arrangement.

(C11) LEWISHAM (NEAR).—Good class retail business, well suited to lady chemist, or to one requiring a congenial business easily worked, and capable of providing a reasonable living; good house, at present sub-let, but could be obtained, if desired; returns for last financial year upwards of £1,300. Further particulars to genuine bona fide prospective purchasers upon application.

(C12) GLAMORGAN.—Pharmacy with good living accommodation for disposal at low purchase price, owing to sudden health circumstances; turnover approximately £1,200 per annum; further particulars will be disclosed to genuine likely buyers upon application.

(C13) PORTSMOUTH (NEAR).—Old-established high-class dispensing business, with excellent potentialities, for disposal at a figure less than the value of stock and fixtures; good living accommodation; present returns average approximately £25 weekly, but there should be abundant scope for increase over these figures, as the business has for some time past been badly neglected; rent, £130 per annum, on long lease; purchase price £750.

(C14) BOURNEMOUTH.—Pharmacy with modern flat (optional) for disposal owing to family circumstances. Returns for past six months average approximately £25 weekly, being an increase over the corresponding period last year; good scope for further increase and development; purchase price, goodwill and fixtures £500, plus stock at valuation (approximately £450).

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BAYSWATER.—Well-fitted Shop on main road, with small but good house above; present returns average approximately £40 per week, with abundant scope for further increase; very reasonable rental for position. For a quick sale, value of stock and fixtures accepted, plus a small goodwill. 211/548, Office of this Paper.

BIRMINGHAM (SOUTH).—High-class Pharmacy on growing estate; Kodak Agency; small Panel; returns £950/£1,000; exceptionally good prices; easily increased under energetic management; owner leaving district, domestic reasons; will accept value stock and fixtures, £700, for quick cash sale; splendid opportunity introduce Optics. Inquiries confidential. 298/28, Office of this Paper.

BLACKPOOL.—Successful Chemist's Business; same hands ten years; well placed for trade; near sea; takings nine months 1932 slightly up same period 1931; net annual profit £265; after paying shop rent, rates, water, electricity, total £75; immediate possession; would defer few months by arrangement, or would initiate beginner; books will stand strictest investigation. Business card or references required with inquiries. 297/24, Office of this Paper.

EAST LANCs TOWN.—Old-established, good-class Chemist's Business; turnover (1932) £1,700; main street; nicely fitted, double-fronted; good Prescribing and Dispensing business; established own Preparations; £750 all in, or valuation. Good reasons for disposal; suit beginner. 298/7, Office of this Paper.

HACKNEY (N.E. London).—Old-established Pharmacy; double-fronted corner position; lock-up; rent 25s. inclusive; lease 12 years; takings average £1,200, including brisk N.H.I.; Kodak Agency; illness reason for sale; stock and fixtures at valuation (approximately £150); best offer accepted. 295/16, Office of this Paper.

HANTS COAST.—Old-established, high-class Dispensing Business for immediate Sale on valuation terms; cash required about £800; suit semi-retired man or beginner; opening for Optics; good house, just redecorated; long lease. Full particulars to genuine inquirers; no agents. 298/6, Office of this Paper.

KENT (South-East Coast).—Owner, wishing to occupy own property elsewhere in Kent, offers his most attractive Pharmacy—occupying important position busy main street—on valuation terms, plus £500 for goodwill and valuable lease; progressive Optical connection; genuine scope for expansion; pleasant modern flat. Apply 36 Biggin Street, Dover.

KENT COAST.—Turnover £1,030; lock-up shop; rent £35; growing neighbourhood; business increasing; net profit £280; good stock and fixtures; price £625. 298/26, Office of this Paper.

LIVERPOOL.—Business, situated in very pleasant district, for Sale on account of health reasons; takings £1,400 approx.; good house; low rental; splendid chance for Chemist requiring an easily worked and congenial business. 211/549, Office of this Paper.

LONDON, N.W.1.—Drug Stores, lock-up, shop and parlour; rent £70 per annum inclusive; exceptional chance for qualified man to secure a genuine business owing to owner having been offered a good position; splendid scope for N.H.I.; trade during 18 months open nearly £1,000, still increasing; price £250, all at. 295/19, Office of this Paper.

LONDON, S.W.1 (good locality).—Chemist Business with Flat above; reasonable rent; good scope for worker; same hands 15 years; retiring. Apply "Tom," "White Lodge," Hurst Wickham, Hassocks, Sussex.

LONDON (East).—Drug Store and Herbal Business in working-class district; neglected under management; will show £5 to £7 per week net profit; rent £45; rates £22; sublet £39; established ten years; lease eleven years unexpired; proper accounts kept; open to fullest investigation. What offers? 297/8, Office of this Paper.

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LONDON, W.—Cash Retail and Photographic, with N.H.I.; turnover last financial year £1,576; rent £100, with living accommodation; 12½ years' lease; reasonable offer for quick sale; part could remain. Apply 296/26, Office of this Paper.

LONDON, E.C.—City Business, with turnover slightly under £2,000 per annum, for Sale at ridiculously low figure owing to special circumstances; about £650 required; should be capable of increase up to £60 per week, probably more; rental not excessive. 211/547, Office of this Paper.

MANCHESTER (near).—Better working-class suburb, large town; present hands 33 years; owner retiring; full Wine Licence; 250 N.H.I. scripts weekly; opening for Photography; large shop and house; junction five roads; net profit over £300; abundant scope for increase; no goodwill asked; stock and fixtures at valuation, about £850; rent and rates £77. Marsden, Valuer, 29 Oakwell Crescent, Leeds. 'Phone: 62890 Roundhay.

NEAR LEEDS.—Chemist's Business, with only Wine Licence in district; turnover last three years average £2,000; good profits; quick sale necessary for cash, owner having accepted appointment manager with a view to succession would be considered, but sale outright preferred. A good paying proposition; best offer accepted. 296/31, Office of this Paper.

NORTH WALES.—Would consider Sale of sound unopposed Business; increasing returns; 1928, £1,374; 1929, £1,457; 1930, £1,641; 1931, £1,759; audited accounts; up-to-date stock and fixtures in first-class condition; large modern shop with good house; capital required about £900; property can be bought or leased. Further particulars to bona-fide inquirers only. 211/551, Office of this Paper.

WIMBLEDON, LONDON, S.W.—For immediate disposal, old-established Pharmacy; good living accommodation; exceptional opportunity for Optics; 20 years' lease; low rent and rates; takings £30 per week, plus N.H.I.; good stock and fittings; price £750 all at. 298/14, Office of this Paper.

YORKSHIRE.—Old-established Chemist's Business for Disposal; unopposed; Kodak Agency and Wine Licence; good living accommodation; returns averaged £25 per week; been neglected; splendid opportunity for energetic young man; N.H.I. 200 per month; rent £65 per annum; price £250; stock at valuation. 297/40, Office of this Paper.

YORKSHIRE.—Country Business, with good turnover at big profits, giving good income; suitable for Partnership; capital required at least £3,000. 297/34, Office of this Paper.

CASH Business, North Midland county; population 3,000; no opposition; rent £26; rates £6; lock-up premises; Kodak Agency and Panel; splendid opportunity for young man starting business; offers wanted owing to ill-health of proprietor; property (freehold) may also be purchased. 294/30, Office of this Paper.

DRUG Stores in populous suburb; was doing well until recent death of owner, who was a qualified Chemist; widow unable to do dispensing, hence trade has dropped to £8 per week; 5 rooms, bathroom; new lease will be granted at moderate rent; price £200; s.a.v., about £200. Woodcocks, 20 Conduit Street, W.1.

GIVING UP RETAIL.—A firm of Wholesale and Retail Chemists, who are giving up the Retail side, have two Retail Businesses in London, one W. with living accommodation, and one S.W. for sale; reasonable prices; full investigation. 296/16, Office of this Paper.

£100 Net, all at, for quick sale.—Established Drug Stores; busy main road, London; house attached; present returns average £10 weekly, but there is scope to treble, with an adequate stock; excellent position for the addition of N.H. Insurance Dispensing; two surgeries close to; sole reason for disposing, lack of capital to increase stock. For full particulars, write "Statim," 296/15, Office of this Paper.

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6s. for 50 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

ADVERTISER is prepared to pay up to £1,250 (cash) for a sound Business situate in good-class residential district South from Oxford; a neglected business with possibilities would be considered. Owen, Fife, near Lewes, Sussex.

ADVERTISER, with substantial capital, would like to Purchase a good Business; turnover between £2,500 and £5,000; banker's and trade references will be sent in first instance and business transacted with a minimum of fuss and publicity. Please write J. Edwards, "Bramshott," High Wood Road, Uttroter.

BUSINESSES required in the Midlands at once; turnover £2,000 per annum upwards; genuine purchasers; cash waiting. Apply Orridge & Co., 56 Ludgate Hill, E.C.4.

BUSINESS wanted, Birmingham or near; other Midland town would be considered; accounts must bear investigation; price must be reasonable; cash available £150-£200; balance paid by definite arrangement; living accommodation preferred; advertiser is a genuine private chemist; replies treated with absolute confidence. 296/39, Office of this Paper.

CHEMIST, having recently disposed of his present business, requires a sound proposition, preferably situated in a healthy district South of London; neglected business considered if capable of being worked up; capital available up to about £2,000; all information treated as strictly confidential. 211/544, Office of this Paper.

CHEMIST wishes to purchase small, good-class Business, London or Counties, with living accommodation, neglected, but capable of increase under own supervision. Details, in confidence, to 297/12, Office of this Paper.

GOOD-CLASS Business required, situated preferably between Liverpool and Birmingham; congenial residential district preferred; capital available up to £2,500, but a small Business would be considered, particularly if there is scope for increase; living accommodation preferred, but not essential; Pharmacist can investigate and negotiate at once, and an immediate direct introduction will be effected if so desired; all particulars divulged will be treated as strictly private and confidential. Ernest J. George, Tudor House, Walsall. Telephone: Walsall 3774.

PHARMACIST wishes to hear of genuine Cash Chemist's Business for disposal in Eastern Counties; good living accommodation (healthy district); returns £1,500; would consider Managership or active Partnership with vendor wishing to retire with view to early succession for suitable business. Please give fullest particulars, in strictest confidence. 295/7, Office of this Paper.

PHARMACIST, with capital for immediate purchase, requires sound Business with returns not less than £3,000 per annum; any district except extreme North; can arrange early investigation of suitable business; all replies treated in strict confidence. 211/546, Office of this Paper.

PRIVATE Pharmacist requires good Business, situated for preference in small town in the Southern Counties; living accommodation on premises essential; price £1,000/£1,500; can negotiate immediately. Reply, in confidence, to 211/545, Office of this Paper.

REQUIRED immediately, three sound Businesses between London and the South Coast, doing not less than £35 weekly (preferably more), up to £80 weekly; owners of businesses who are, for any reason, contemplating removal, are invited to communicate privately; general particulars only need be stated in first instance, after which, if desired, an early visit will be arranged; all confidences strictly observed in every way. Ernest J. George, Sentinel House, Southampton Row, London, W.C.1. Telephone: Museum 8340.

PREMISES TO LET.

WALLASEY.—Splendid opportunity; choice of just completed large Shop and Showroom above, Lock-up Shop or Shop and House; busy corner; car and bus stop; reasonable rentals; photo, etc. Wilson & Wilson, Wallasey. Phone 325.

WONDERFUL OPPORTUNITY.—Shop, large, with Flat over; modern front; suit tenant; any trade; growing N.W. suburb. Write Joyce, 12 Princes Street, Cavendish Square, W. (ground floor).

AGENCIES.

MANCHESTER AND NORTH OF ENGLAND.—Agency required by established firm with competent Salesmen, calling on Chemists, Grocers and Ladies' Hairdressers; spacious premises in Manchester suitable for distributing over a wide area. 296/29, Office of this Paper.

SOLE Agencies can be offered in the Home Counties and Mid-lands to reliable Agents having sound connections amongst Hotels, Institutions, Laundries, Stock-keepers, etc., for the direct sale of a new line of Disinfectants and Spraying Fluids, Laundry Preparations, Veterinary and Medicinal Preparations, etc.; generous terms to reliable representatives with good credentials. Apply Whitfield Gee & Co., Ltd., King's Langley, Herts.

SWITZERLAND.—English Manufacturers of Pharmaceutical Products, Dog and Cat Medicines. Sole Selling Agency wanted by reliable Swiss firm of first-class standing and reputation; English and Swiss references. Manufacturers only need reply to 294/17, Office of this Paper.

TO Overseas Manufacturers of Proprietary Preparations for the Medical, Dental and Veterinary Professions. Correspondence invited from Manufacturers desiring to depute the Manufacture, Packing, Sales Distribution, Advertising and Storage to a British company of 30 years' highest reputation, possessing established sales organisation throughout Great Britain, Ireland and India. Inquiries strictly confidential. 210/533, Office of this Paper.

PARTNERSHIPS.

M.P.S., age 25, would like to hear from an older Pharmacist who is willing to take a Partner after a suitable trial period. Advertiser has had good-class experience in London and the provinces; F.B.O.A. qualification (J.C.Q.O.), with commercial experience in this department; willing to invest capital in a high-class business. Replies treated with absolute confidence. 297/27, Office of this Paper.

PARTNERSHIP offered in Drug Store, South Coast; established 8 years; turnover £40 per week; capable £60-£70 with qualified man and extra capital; £400 half-share (all at), half to remain. 289/21, Office of this Paper.

PARTNERSHIP wanted, with view to succession, in sound, well-established Business, or a purchase outright would be entertained. Address "M.P.S.," c/o Alexander, 31 George Street, Bourne, Lincs.

PHARMACIST, doing small Wholesale Business, either requires Traveller with car and small capital, or would join Wholesale or Retail firm where qualification would be useful; could introduce business; references required. Replies to 296/12, Office of this Paper.

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SALE ROOMS, 5 LITTLE BRITAIN (close to G.P.O.), LONDON, E.C.1.

Removed from Hammersmith for convenience of Sale. Two practically new ranges of **CHEMIST'S SHOP FITTINGS**, 10 ft. Drug Run, Wall Showcases, glass-fronted and other Counters, Silent Salesmen, Mirrors, Cash Tills, Office Furniture, Typewriters, Chairs, etc.

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Will Sell by Auction, as above,
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DIRECTORSHIP.—Well-established private limited company, with branches in fashionable North Wales resort, requires Director-Superintendent; age 30-45; director's fee £225; give full particulars, experience, age; applicants must be willing to invest £500 if required. Apply 295/28, Office of this Paper.

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6s. for 40 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

MESSRS. JOHNSTON'S (CASH CHEMISTS), LTD., wish to thank the many applicants for their recent vacancy and beg to state the position is now filled.

BIRMINGHAM (within easy reach).—Qualified, young, single, capable of taking charge small medium-class business; comfortable permanency offered one willing to take up small financial interest. Usual particulars and salary required (which must be moderate). 296/20, Office of this Paper.

COVENTRY.—Cbas. H. Welton, The Pharmacy, High Street, requires an experienced male Assistant of good appearance and address. Please give full particulars as to age, height, experience, salary required, and references, also enclose recent photograph.

LONDON (near).—Assistant required shortly; all-round experience; knowledge of Optics an advantage, but not essential; permanency to suitable man. Apply, stating age, experience, height and salary required, to 296/22, Office of this Paper. Applications not answered within seven days respectfully declined.

LONDON, W.—Qualified gentleman, aged 25-30, with recent experience in high-class London pharmacy; must be first-class Dispenser; salary four guineas; no photos or testimonials. Apply 297/15, Office of this Paper.

MANCHESTER.—Qualified lady Assistant required for middle-class business; living in district preferred; no Sunday duty. State age, experience, and salary required to 298/4, Office of this Paper.

YORK.—Qualified Manager (married) required for Retail, N.H.I. and Photographic Branch Pharmacy, working-class district; must be energetic, good Window-dresser, and obliging to customers; house provided. Full particulars, age, height, experience, and copies of testimonials, salary required. 210/541, Office of this Paper.

A QUALIFIED Manager and three Unqualified Assistants required shortly for big-class establishment in heart of West End; only first-class men with similar previous experience need apply to Bird & Storey, Ltd., 42 Eastcastle Street, W.1.

ASSISTANT, unqualified, either sex, required; Book-keeping, Dispensing, Window-dressing, etc. State salary, experience, etc., to A. E. Hobbs, Ltd., Mayfield, Sussex.

ASSISTANT, young, required for Retail shop; must have indentures, be capable Salesman; every chance given to suitable person; able to manage shop and keep stock for quick Counter trade; age 25-28 years; for South-East London. State wages, etc. 295/27, Office of this Paper.

ASSISTANT, qualified lady; usual particulars, salary; London. 297/9, Office of this Paper.

JUNIOR OR IMPROVER.—Unqualified male Assistant required for October 31; young; good Dispenser and smart at Counter. Apply, with full particulars as to age, experience, references and salary required (outdoors), also photo, to Thomas, Chemist, Faversham, Kent.

LOCUM, qualified, November 21-26 inclusive; daily 9 a.m.-9 p.m., Friday 9 a.m. till 4 p.m., Saturday 4 p.m.-9 p.m.; East End. Write full particulars, wages, references, etc. 296/25, Office of this Paper.

M.P.S., J.C.Q.O., required as First Assistant. Apply, by letter, giving full particulars, including qualification, experience, when free, and salary required, to "Chemist," Dewsbury Pioneers' Industrial Society, Ltd., Dewsbury, to arrive on or before October 19. Canvassing will disqualify.

PHARMACIST.—Energetic, qualified man required to take charge of City Retail business. Write, giving full particulars as to age and previous experience, etc., remuneration expected. All replies will be treated in strictest confidence. E. B. L. & Co., 69 Leadenhall Street, London, E.C.3.

OPENING will shortly occur for an unqualified Assistant; must be first-class Salesman and have undeniable references. Apply in first instance by letter, stating full particulars and salary required, to 296/38, Office of this Paper.

QUALIFIED Man required. Applicant must be capable and reliable, a good Counterman, Window-dresser and Dispenser. Particulars of age, height, experience and salary to Dawsons, Chemists, Ltd., 257 High Street, Ponders End, Enfield, Middlesex. Phone: Enfield 0076.

QUALIFIED Assistant required (male), age about 25 years; Manchester; a careful, neat Dispenser, good at Window Display, and smart at Counter. State age, height, experience, salary expected. Applications not answered in seven days declined with thanks. 297/16, Office of this Paper.

SMART Junior for City Shop; hours 9 to 8, Wednesday 1 o'clock; must be young and energetic; just out of apprenticeship preferred; salary £2. Written application only to 18 Brookfield Road, W.4. Unanswered three days, declined with thanks.

THE LONDON CO-OPERATIVE SOCIETY, LTD., require a fully qualified and experienced Chemist-Optician as Branch Manager; superannuation scheme and progressive position. Apply, in first instance, by letter to Pharmacy Manager, 24 Martin Street, Stratford, E.15.

WANTED, immediately, qualified lady as Manageress for small branch in East Lancashire; a knowledge of Optical Repairs an advantage, but not essential. Full particulars first letter, age, height, photo, experience, testimonials, salary, to 297/18, Office of this Paper.

WHOLESALE.

FIRST-CLASS Representatives wanted to carry exceptional lines in French Perfumery, Face Powders, etc., to be nationally advertised; must have well-established connections; liberal commission basis to commence. Reply, stating ground covered, to The Jevan Manufacturing Co., Cardiff.

IRISH FREE STATE.—Supervisor wanted (lady) for Factory in Wholesale Chemist's; must be qualified Chemist and capable of supervising packing of drugs and pharmaceutical goods. State age, salary required, and experience. 294/16, Office of this Paper.

PHARMACEUTICAL Factory seeks a Representative to introduce its Specialities; only best men with large and important connections with Hospitals and Physicians considered. Send replies to Gedeon Richter (Great Britain), Ltd., Victoria House, Southampton Row, London, W.C.1.

REPRESENTATIVES, on commission, wanted in most parts of Great Britain to represent new Aylesbury firm manufacturing high-grade Cosmetics; good connection essential; very liberal commission; state exact area worked. 296/33, Office of this Paper.

REPRESENTATIVES, with live connection, calling on R Chemists, Stores, etc., required for Scotland, Ireland, Wales, South and West of England, Durham, Northumberland and Cumberland, by well-known Surgical Rubber Manufacturers; could preferably be handled as side line; good commission on direct and indirect orders from ground allotted. Please state exactly area covered and lines already carried. Only energetic men desirous to work up a lasting business with good income need apply to 211/550, Office of this Paper.

REPRESENTATIVES required throughout Great Britain to carry the old-established Kraska Nail Polish and allied lines on ample commission basis; sound connection with Chemists, Hairdressers, Stores, etc., essential. Full particulars to the Kraska Co., Ltd., 65 Portobello Road, W.11.

REQUIRED,

SEVERAL Salesmen, having connection with Stores, Chemists, etc., at present handling one or two lines on commission, who would like to exchange for a regular, progressive job.

Suitable applicants will be interviewed, and if satisfactory required to handle our products jointly with present lines for one month on a purely commission basis. On selling ability being proved (by commissions earned averaging not less than £5 per week, readily attainable in our past experience) they will be offered permanent appointments on salary and commission and required to give up other lines.

The products to be sold are original, beautifully produced, and fill a definite new need instead of competing in an overcrowded market. The choice available facilitates sale, and they have been sold on sight to some of the most "difficult" buyers in the country.

Territories open: Midlands and all territory South and East, including part London area.

Applications will be treated confidentially, and should state:

- (1) Age and previous positions.
- (2) Territory covered and whether car owner.
- (3) Lines at present handled.

295/11, Office of this Paper.

TABLET and Pill Working Foreman required by Manufacturing Chemists 17 miles from London; must be experienced in all branches, including coating. Reply, giving full details of experience and situations held, stating age and wages previously received. 210/529, Office of this Paper.

WANTED, Representatives, calling on Chemists, to push sale of Hot Water Bottles; only men with existing connections need apply; very liberal commission. P.C.B. 49/3, Office of this Paper.

WANTED, Assistant, qualified or unqualified, to make Galenicals, etc., in small Wholesale Business and supervise output. State experience, wages, and all essential particulars. Address: "Manufacturer," 285 Barton Road, Stretford, Manchester.

SITUATIONS WANTED.

RETAIL (HOME).

2s. for 18 words or less, 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

A.A.A.A.A.A. — EXPERIENCED, unqualified Assistant requires position; good Window-dresser, Dispenser and Counter-hand; age 23; salary £3. "Chemist," 24 Marnoch Road, Brockley.

A.A.A.A.A.A. — SCOT, 23, qualified, desires permanency; varied experience; first offer £3 per week secures services. "H.," 11 Tarvit Street, Edinburgh.

A.A.A.A.A. — CHEMIST-OPTICIAN, M.P.S., F.B.O.A., J.C.Q.O., requires post as Assistant or Manager, with scope in Optics; own Optical equipment; moderate wage and commission (please state); Devon or South preferred. "Chemist," 8 Unwin Road, Penistone, Sheffield.

A.A.A.A.A. — QUALIFIED; excellent West-End experience, Photographic, Window-dressing, etc. 3 St. James' Mansions, N.W.6.

A.A.A.A.A. — CAPABLE, qualified Assistant desires post; previous London experience; excellent references; interview appreciated. "Scot," 66 New Wanstead, Wanstead.

A.A.A.A. — M.P.S., 37, capable and experienced, requires permanency; branch with accommodation if possible near London; good Salesman, Window-dresser, Buyer; West-End and country experience; conversant opening new business; interview; ex-Service. 296/8, Office of this Paper.

A.A. — DISENGAGED; qualified Chemist-Optician; 22; London suburb preferred, but not essential; good general experience; excellent references. Jones, 25 Hungerford Road, Holloway, N.7.

A.A. — QUALIFIED Manager, 38, Scot, competent business builder, seeks responsible position, private pharmacy, London suburbs; sole charge; excellent Prescriber; experienced all branches; interview desired; thoroughly conscientious; quick and capable; smart appearance, with tact and personality; proved ability. 297/28, Office of this Paper.

A. — PHARMACIST; all-round experience; Dispenser; Scotch; abstainer; excellent references; middle-aged; moderate salary. "A.," "The Elms," Wymondham.

A. — QUALIFIED, 24, seeks situation; permanency preferred; good experience in all branches. 49 West Hill Drive, Mansfield, Notts.

A. — QUALIFIED, 26, single, 10 years Harrogate, London and provinces, knowledge all branches, good Salesman, etc., requires permanency; Leeds or Birmingham preferred. Richmond, 92 Louis Street, Leeds.

A BUSINESS man, with town and country experience, unqualified, trustworthy, seeks position as Senior; would rebuild neglected business under cover or supervision of principal; at present managing seaside pharmacy; moderate salary. March. 10 Milward Crescent, Hastings.

A CAPABLE and energetic Assistant, 25, requires permanency; Dispensing, Display; keen and tactful Salesman; very good references. Benjafield, 29 Carleton Road, N.7.

A COMPETENT Assistant, 27, unqualified, married, highest references, 10 years' experience, requires permanency within 50 miles London; disengaged. 298/20, Office of this Paper.

A STEADY, reliable, qualified, 1919, age 35, seeks post London; experienced all branches; married; abstainer; free. "Chemist," 3rd Floor, 8 Leicester Place, W.C.2.

A QUALIFIED, 25, requires part-time evening or Sunday duty; capable and conscientious Dispenser and Counterman; excellent references. 297/25, Office of this Paper.

A QUALIFIED lady, age 32, capable Manageress, 15 years' varied experience, expert Window-dresser, quick and accurate Dispenser and good Saleswoman, highest references, desires post with house part; Manchester or Stockport area preferred, not essential. 297/7, Office of this Paper.

A YOUNG gentleman seeks situation; Wholesale or Retail; salary secondary consideration. D. Reilly, 21 Hotham Road, Putney, S.W.15.

A CTIVE, unqualified, middle aged, Dispensing, Stock, thoroughly experienced, wants work, any position. Fletcher, 91 Duncombe Road, Holloway, N.19.

A N experienced Pharmacist; disengaged; good Prescriber; excellent references; moderate salary; age 38; S.W. or near. Parkes, 36 Gaskarth Road, S.W.12.

A SSISTANT; 21; unqualified; 5 years' all-round experience, West Country and South Coast. Margetson, 20a Hove Park Villas, Hove.

A SSISTANT, unqualified, smart appearance, 4 years' experience, conscientious worker, excellent references, desires post in London. P.C.B. 51/9, Office of this Paper.

A SSISTANT, young, unqualified, wants position in Midlands, preferably Birmingham, Wolverhampton districts; London experience. G. Smith, 85 Reeves Street, Bloxwich, Walsall.

A SSISTANT; unqualified; 24; 8 years' all-round experience, Agricultural, Dispensing, Photographic; Northern Counties preferred. C. Stephenson, 7 Gibson Street, Driffield, Yorkshire.

A SSISTANT; 20 years' experience in town and country; accurate Dispenser, good Salesman and Window-dresser; unqualified; satisfactory reference; Locum or permanency. "P.," 20 Henry Street, Rugby.

A SSISTANT; permanency or Locum; unqualified; experienced all branches; keen Salesman; active; accustomed management. Gall, 53 Cambridge Street, Norwich.

A SSISTANT or Manager; unqualified, adaptable, up to date, with modern ideas and windows; used to busy shop or charge; age 38; 7 years last situation; disengaged through death of proprietor; moderate salary; London or suburbs. "Advertiser," 39 Villa Road, Brixton, S.W.9.

A SSISTANT; unqualified (21); male; disengaged; five years' experience; Dispensing, Counter, Photography and Window-dressing. Middleton, Pencerrig, Builth Wells.

A SSISTANT requires permanency; London; good Windows, Dispensing, Counter; free any time; age 35. Windsor, 33 Dupont Road, West Wimbledon.

A SSISTANT; unqualified; 26; tall; first-class Window-dresser, Photographic Expert, Dispensing, and smart Counter-hand; London and provincial experience; excellent references. 28 George Street, Bourne, Lincs.

A SSISTANT, 29, seeks situation; Counter, Dispensing, Photographic; 12 years present post. 298/35, Office of this Paper.

B RINGTON (or Near).—Lady Dispenser (Hall); good all-round experience; excellent references; moderate salary. 8 Prestonville Road, Brighton.

C APABLE Assistant; 26; unqualified; town and country experience; Counter, Dispensing, D. & P.; disengaged. Davey, 56 Norfolk Road, Dalston, E.8.

C HEMIST and Druggist requires management, view to early succession, West London suburbs or City business with turnover of at least £1,500 per annum. P.C.B. 51/11, Office of this Paper.

C HEMIST, 23, requires permanency; disengaged; 7 years' experience, including West-End; salary £3 15s.; excellent references; London or near. Write Cruse, 90 St. Paul's Avenue, Kenton, Middlesex.

C HEMIST-OPTICIAN, M.P.S., M.L.C.O., Honours; disengaged shortly; Locum or permanency; long experience all branches; 15 years present position. 297/3, Office of this Paper.

C OMPETENT Assistant (24) requires post immediately; seven years' all-round high-class experience (including London two years); quick and accurate Dispenser; highest references; London, W. or S.W. preferred. "L. G. W.," 34 Sydney Street, Chelsea, S.W.3.

C OMPETENT man, qualified, Optics and Pharmacy, abstainer, requires part-time position, three or four days weekly; reasonable terms. "F.B.O.A.," 10 Westgate Terrace, S.W.10.

D ISENGAGED; Locum; experienced, competent, reliable; any period position or distance; reasonable terms; highest credentials. "Chemicus," 56 Rudloe Road, Balham.

D ISENGAGED; qualified; experienced all round; good Dispenser and accustomed to heavy Panel, etc.; Locum (any distance); permanency or part-time; London district entertained. "Statim," 28 Torrington Gardens, N.11.

DISPENSER, 24, qualified, desires post; alert, ambitious and accurate; 8 years' experience, West End and City. "L. H., 67 Myddleton Square, Finsbury, E.C.1.

EVENING occupation required by M.P.S., F.S.M.C., in either capacity; W., S.W., or N. preferred. Further particulars apply H. P. France, 76 Broomfield Avenue, N.13.

EXPERIENCED, qualified Pharmacist desires position; West-End and general London experience; Counter, Dispensing; age 46; excellent references; disengaged. 295/17, Office of this Paper.

EXPERIENCED qualified Chemist, 25, requires post as Manager or Assistant in good-class pharmacy. Carrington, Long Meadow, Bakewell.

IN Agricultural, Industrial mixed Northern business; 5 ft. 10 in.; good appearance; middle-age; qualified. Douglas, Borage, Ripon.

FULLY qualified Chemist desires a post immediately. "J. R., 32 Stafford Street, Swindon.

HIGH-CLASS DISPENSING.—Well recommended, qualified, 22, desires permanency with good-class Chemist; good Dispenser and Window-dresser; free November 7. Smithson, c/o H. A. Blades, Mostyn Street, Llandudno.

LADY Assistant requires situation; permanent; 6 years' experience, Drugs, Toilets, Photographic; good Saleswoman; age 21 years; disengaged; for Brighton district preferred. "M. B., 162 Upper Lewes Road, Brighton.

LADY Assistant (Hall); capable; energetic; pharmacy trained; 7 years' valuable general experience in London and high-class businesses; reliable Dispenser; excellent references. "D., 105 Upper North Street, Brighton.

LADY, just qualified, requires post; general experience; excellent references. Plant, Pontardawe Road, Clydach, Swansea.

LADY requires post as Dispenser in S.E. London; ten years' experience; Hall certificate; temporary or permanent. Smith, 24 Montem Road, S.E.25.

LADY; unqualified; 7½ years' experience; Dispensing, Counter and Window-dressing; (22) disengaged. Miller, 43 Goodhind Street, Stapleton Road, Bristol.

LOCUM, permanency preferred; 40; unqualified; tall; abstainer; Counter, Dispensing, Photography; disengaged 20th. Alexander, 189 Southampton Street, S.E.5.

LOCUM; M.P.S.; elderly; good references; moderate terms; now disengaged. Wellburn, c/o Mrs. Brock, 10 Leylands Road, Lee, S.E.12.

LOCUM or Manager; qualified; competent; reliable; over 20 years' West-End experience; disengaged. "Pharmacist," 18 Stanway Gardens, Edgware.

MEDICAL Student (former Pharmaceutical Assistant) seeks evening employment; accurate Dispenser, quick Counter-hand; available every evening, all day Saturday and Sunday. Kaye, 166 Mile End Road, E.1.

M.P.S., F.B.O.A., requires responsible position; accustomed to busy good-class business; Counter, Window-dressing, Dispensing; reliable Refractionist and Fitter; 5 ft. 11 ins.; smart appearance; highest references; interview. Gill, 276 Lea Bank, Hawkshaw, Bury, Lancs.

M.P.S., tall, age 22½, of good character and personality, desires position as Manager or Assistant; six years' Northern and Southern experience in all departments, and is accustomed to taking charge; highest references. "Statim," "Coniston," 49 Albert Road, Morecambe, Lancs.

M.P.S., hard worker, desires Managership; London or suburbs preferred, not essential; over 9 years' excellent experience, City, etc.; capable of building up branch or neglected business; free; married. 297/22, Office of this Paper.

MR. GARLICK recommends his Junior for situation in good-class pharmacy; 4 years' all-round experience; abstainer; accurate Dispenser; age 21. H. Taylor, c/o Garlick, Chemist, Amersham-on-the-Hill, Bucks.

PART time; S.E. district; Dispensing and Counter; City and West-End experience. Crowther, 144 Algernon Road, S.E.13.

PART-TIME wanted by elderly Qualified Chemist; just finished three months' holiday relief. "H., 107b Sutherland Avenue, Maida Vale, W.9.

PHARMACEUTICAL Chemist (lady), with good-class Retail experience, seeks permanency. 294/29, Office of this Paper.

PHARMACIST; 40; experienced Dispensing, Photographic, Agricultural; good references. Gibbs, The Cottage, Hampton, Evesham.

PH.C. (Northern Ireland) seeks situation as unqualified Assistant; excellent references; keen and capable; age 28; anywhere in British Isles or abroad. 295/18, Office of this Paper.

QUALIFIED, 22, requires temporary or permanent position; middle-class and seaside experience; tall and smart; references. 295/26, Office of this Paper.

QUALIFIED, 34, requires permanency after 4 years' Locum experience; previously Manager, London and Canterbury. M. Gregory, 50 Grove Lane, S.E.5.

QUALIFIED gentleman, 22, requires position as Dispenser or Assistant; disengaged; moderate salary. Denny, 586 Clapham Road, London, S.W.9.

QUALIFIED; 28; managing quick cash business last four years; capable all branches; permanency required. "Chemist," 35 Highbury New Park, N.5.

QUALIFIED, 32, seeks permanency (preferably with view to succession) in good-class country business; free November; of good appearance and address; well experienced in Pharmacy and Photographic; studying for B.O.A. Examination; excellent references. Morgan, 111 Woodlands, Golders Green, N.W.11.

QUALIFIED, 21, desires position; tall, capable, conscientious; good Dispenser, Counter, Photography, Window-dressing; London preferred, not essential; disengaged. Richards, 16 Dyffryn Gardens, Pontypridd, Glam.

QUALIFIED; experienced; over 50; Locum or permanent; quick, accurate Dispenser; disengaged. Thorley, 27 Crouch Hill, N.4.

QUALIFIED, rapid Dispenser, Hospital experience, seeks Retail post; small salary for experience. Smith, 47 Whatman Road, S.E.25.

QUALIFIED (London) man, 24 years, requires situation in London or suburbs; excellent Dispensing experience; free any time for interview; references if necessary. Firth, 3 Rhodesia Road, Stockwell, S.W.9.

QUALIFIED; free daily, London, 2.15 to 4.45 p.m.; any duties. "H., 6 Guthrie Street, Cale Street, S.W.3.

QUALIFIED, energetic, desires position, Assistant or Manager; excellent references and experience. Mcunsey, 7 Grove Street, Morecambe, Lancs.

QUALIFIED (male, 24) seeks position; Locum or permanency; 7 years' experience; excellent references. Chaplin, 16 Forbes Road, Faversham.

QUALIFIED man seeks appointment; 21; 6 ft.; 5 years' good-class experience, all branches. Geldard, 14 Homeview Terrace, Bradford.

QUALIFIED lady seeks employment with Chemist; salary £2 10s. weekly to gain experience; at present employed, but can be released at once. Apply 297/30, Office of this Paper.

QUALIFIED; tall; good all-round experience in first-class pharmacy; 5 years' experience; London, W. or S.W., preferred. 298/8, Office of this Paper.

QUALIFIED, 43, excellent all-round experience, desires change; Manager or Senior; good references; capable and reliable. 297/29, Office of this Paper.

QUALIFIED Assistant desires post; good experience and references; single; 32; go anywhere London or South; low salary commence. 298/13, Office of this Paper.

UNQUALIFIED young lady desires post as Dispenser; tall, efficient, well educated; Northern or Midland districts preferred. 295/36, Office of this Paper.

UNQUALIFIED Assistant (referred Part II) requires position; location immaterial; Dispensing and Counter experience, including Photography. Dennis, 101 Birchfield Road, Northampton.

NAMES AND ADDRESSES.

When sending advertisements for any of the sections in this Supplement, advertisers—as a guarantee of good faith and not necessarily for publication—should always give their names and addresses. It sometimes occurs that this rule is not followed and delay and disappointment ensues. Strict attention to this detail will be appreciated.

CLEAR OUT—your Old or Damaged Stock of Photo Goods
Why keep them any longer? Turn them into CASH.
I GIVE BEST PRICES for Old Films (damaged, fogged, expired, dates); Packet Papers. Cards (any sizes). Old Photo Goods or Cameras. Bromide Papers. Plates (all sizes, all makes). Send any goods in the photo line. I buy all, good or bad. Cash per return. A good price for all Cameras. Send them along.
S. E. HACKETT, 23 Joly Road, Liverpool

UNQUALIFIED, tall, with 30 years' experience. Dispensing, Counter and Photographics; single; abstainer; disengaged. Harris, 24 Link Road, Edgbaston, Birmingham, 16.

YOUNG, qualified Chemist requires situation in high-class pharmacy; good experience in Dispensing and Counter work; good references. Apply P.C.B. 51/2, Office of this Paper.

YOUNG lady, qualified, desires post; general experience; keen Saleswoman; well educated and reliable. Rubens, 27 Margaret Street, Ammanford, South Wales.

YOUNG lady (Hall) desires post, Doctor or Chemist; knowledge of Surgery routine, experienced Counter and N.H.I.; London, West-End shop preferred. Moody, 18 Alwyne Road, N.1.

YOUNG lady Dispenser; 25; unqualified; excellent Counter-hand, Window-dresser and Stock-keeper; 10½ years' experience; excellent references; London preferred. "P.", 46 Dawney Road, S.W.18.

YOUNG lady desires position as Secretary or Book-keeper. Typist; 5 years' experience with large well-known Chemist business; disengaged October 17; salary moderate. 295/34, Office of this Paper.

£3 WEEKLY—M.P.S.; outdoors; any capacity; not locum; references; moderate hours. "S.", 32 Steyne Gardens, Worthing.

WHOLESALE.

2s. for 18 words or less, 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

A REPRESENTATIVE, with large connection, long, varied experience, including Drugs, Toilets, Sundries, open for engagement with established house. 297/26, Office of this Paper.

CHEMIST, M.P.S., young, desires post with Wholesale House; had first-class training with Retail House doing fair wholesale trade; advertiser has a good knowledge of Flavouring Essences, etc. 295/33, Office of this Paper.

FIRST-CLASS Representative, prize records, desires position with house of repute; first-class references. 297/20, Office of this Paper.

ITALIAN, age 19, son of important Chemical Manufacturer of Milan, who has spent two years in German Chemical Firms, desires to obtain practical experience in a London Chemical Manufacturing or Wholesale House; has had a sound business training and possesses a knowledge of French and German; no salary required. Address "E. R.", 210/543, Office of this Paper.

LANCS, CHESHIRE, POTTERIES, N. WALES—Old-established concern, having Representative on ground mentioned, desires to meet similar house with view to sharing Representative. 210/540, Office of this Paper.

M.P.S., recently disposed of own successful Retail business, desires position as Representative; London and/or Eastern Counties preferred. 298/22, Office of this Paper.

REPRESENTATIVE, with live connection of 10 years' standing in London and South of England, desires to represent house of repute; Perfumery, Toilets or Proprietaries. 293/19, Office of this Paper.

YOUNG energetic Representative, with good experience, desires post with Pharmaceutical Manufacturers; excellent references; car if required (interview essential). 297/35, Office of this Paper.

FOR SALE.

(Articles to the value of £5-£50.)

NATIONAL Cash Register for Sale; rings up to 9s. 11½d. with No sale and Paid out keys; prints total on paper slip; no combination lock. Write to T. White, 60 Dongola Road, Plaistow, E.13.

Printed for the Proprietors by THE AVENUE PRESS (L. Upcott) by the Proprietors, Morgan Brothers (Publishers), Ltd., at 28

MISCELLANEOUS.

A BARGAIN LIST of Second-hand Showcases and Fittings. A Mahogany Dispensing Screen with bent Sponge Case, £15; 6 ft. bent plate-glass Counter Case with display shelves, £3 10s.; many useful Showcases and Counters, all removed from jobs in progress. Write requirements or call PHILIP JOSEPHS & SONS, LTD., 90/92 St. John Street, Clerkenwell, E.C.1. "Pharmacy Fitters for Over a Century."

CHEMISTS' FITTINGS—We hold an immense stock of Drug Fittings, Dispensing Screens, Glass Fronted Counters, Perfumery Cases, Nests of Drawers, Wall Cases, Silent Salesmen, Upright and Flat Counter Cases, Plate-glass Counters, Cash Tills, Display Stands and Glass Shelves, etc., ready for immediate delivery at competitive prices. Write or call for List. F. MAUND & E. BERG (SHOWCASES), LTD., 175/9 and 536 Old Street, London, E.C.1.

CHEMISTS' Fittings, direct from manufacturer; soundly constructed in oak and mahogany; 8 ft. Drug Run, £18; 6 ft. Dispensing Screen, £14; 6 ft. Showcase Fronted Counter, £8 5s.; 6 ft. Wall Case, £11; 6 ft. Glass Counter, £8 15s.; Counter Case, 50 x 24 x 18, £2 5s., etc. Send now for photographs, or call and inspect. MYERS, Complete Chemist Fitters, 134a Kingsland Road, E.2, near Shoreditch Church. Bishopsgate 2524.

CHEMISTS' POLISHED OAK FITTINGS—10 ft. Drug fitting, 8 ft. Wallcase, 8 ft. Glass-front Counter, 6 ft. Dispensing Screen, two 4 ft. Nests Counter Drawers; low price for lot, or separate. Also Sets in Polished Mahogany for any Pharmacy. See-All Dispensing Screen, 6 ft. long; All-glass Counter, 6 ft. long; Silent Salesman, 6 ft. high, 2 ft. x 2 ft. Don't hunt about. Save money and send to GEORGE COOK, The Working Shopfitter (over 40 years' fitting), 27 Macclesfield Street, City Road, E.C.1. Phone: Clerkenwell 5371.

FOR Sale, large stocks of Messrs. B. W. & Co. Products; carriage paid; 50 per cent. off list price. Particulars on application. 210/539, Office of this Paper.

LIMITED COMPANIES REGISTERED—I have now been engaged in this work over 20 years, so you may rely that my experience in Chemist and other Companies (I take all trades) is hard to beat. Most reasonable and inclusive fee. Advice free. A. B. SLACK, 721 Princess Road, West Didsbury, Manchester.

REMOVED FOR CONVENIENCE OF SALE, at owner's request, complete Pharmacy, which includes: Drug Fixture, with plate-glass mirror back; Plate-glass Wallcase, with mirror back to display section; Dispensing Screen and Counter; Drug Counter, with showcase front; Glass Case Top, with glass display shelves over; Personal Weighing Machine; Carboys; Tilt; Window Enclosure; Counter Scales, etc. Call or write for full details. RUDDUCK & CO., 219/227 Old Street, E.C.1.

STOCK and Fixtures for Sale; leasehold; owner retiring; extra good Mahogany Fittings, Bent Glass Counter Case, Tall Silent Salesmen, Sectional Bent Glass Wall Fittings, Glass Counter Case, etc.; genuine clean stock; Sundries and Drugs worth £800; any reasonable offer accepted for quick sale. GRIFFITHS, 1 Blakesley Avenue, Ealing, W.5

WANTED, Sifting and Mixing Machine for dry powders. Gardner "Rapid." Full particulars and price to 210/542, Office of this Paper.

£?—COMPLETE CHEMIST FITTINGS at any price you wish to pay. We have erected in our showroom a Complete Chemist Shop with Metal Shop Front, Window Backs, Correct Window Lighting Signs and Modern Interior Fittings. Apply for Lists. D. MATTHEWS & SON, LTD., "The Liverpool Shop Fitters, 14 and 16 Manchester Street, Liverpool. Est. 1848.

EXCHANGE COLUMN.

WANTED.

TWO TUBE FILLING MACHINES wanted for Face Cream. Ring Western 6633, or write 4 Palace Gate, W.8.

CARBOYS, two medium size required. Particulars of height, shape and price to Savage, Chemists, Burnham-on-Crouch, Essex.

ALL CLASSES OF SECOND-HAND DRUMS, particularly 40/45-gn. after Medicinal Paraffin and Olive Oil; also 1-gn. Stone Bottles, basketed or otherwise. Ward, 20 Redcross Street, Liverpool.

GILL & SON, LTD., 55 to 57 Drury Lane, W.C.2, and Published Essex Street, Strand, London, W.C.2.—Oct. 15, 1932. [72/24]

